The Stomach Contents of Pacific Cod, Sablefish and Lingcod in the Queen Charlotte Straits 1978–1981

by

E. A. Black

Province of British Columbia
Ministry of Environment
Fisheries Branch

Fisheries Data Report No. 7
Fisheries Branch
Ministry of Environment
Province of British Columbia
December, 1984

85-3869/

BC
F533
C
F56:7
1984
c.4

The Stomach Contents of
Pacific Cod, Sablefish and Lingcod
in the
Queen Charlotte Straits
1978 - 1981

by

E. A. Black

Fisheries Data Report No. 7

Fisheries Branch
Ministry of Environment
Province of British Columbia

December, 1984

Canadian Cataloguing in Publication Data
Black, E.A. (Edward Adam), 1950-
The stomach contents of Pacific cod, sablefish and lingcod in the Queen Charlotte Straits, 1978-1981

(Fisheries data report, ISSN 0715-1705 ; no. 7)

Bibliography: p.
ISBN 0-7726-0213-1

1. Pacific cod - Food. 2. Sablefish - Food. 3. Lingcod - Food. 4. Fishes - British Columbia - Queen Charlotte Strait - Food. 5. Kelp bed ecology. I. British Columbia. Fisheries Branch. II. Title. III. Series: Fisheries data report (British Columbia. Fisheries Branch) ; no. 7.

QL638.G2B52 1984 597'.58 C85-092020-5

TABLE OF CONTENTS

Page

Introduction 1

Methods 1

Data Presentation 3

1.0 Pacific Cod 5

  1.1 The Prey of Pacific Cod 7

  1.2 An Index of Pacific Cod Stomach Samples by Fish Length 15

  1.3 Pacific Cod Stomach Content Data 29

2.0 Sablefish 227

  2.1 The Prey of Sablefish 229

  2.2 An Index of Sablefish Stomach Samples by Fish Length . 233

  2.3 Sablefish Stomach Content Data 237

3.0 Lingcod 251

  3.1 The Prey of Lingcod 253

  3.2 An Index of Lingcod Stomach Samples by Fish Length . . 257

  3.3 Sablefish Stomach Content Data 261

Appendix I Taxonomic References 269

INTRODUCTION

From 1978 to 1981, the B.C. Ministry of Environment studied commercial fish species found in those kelp habitats which would be attractive to commercial kelp harvesting. In 1978 and 1979, some initial sampling was done to evaluate sampling techniques. In 1980 and 1981, the studies compared fish abundance and trophics in several types of nearshore habitats.

Most stomach data were collected from fish caught in one of three types of habitat; a commercial Nereocystis luetkeana kelp habitat (KELPTYPE=NEREOCYSTIS), a commercial Macrocystis integrifolia habitat (KELPTYPE=MACROCYSTIS), or a habitat containing none of these kelps (KELPTYPE=NON KELP). A few fish were also collected in other habitats (KELPTYPE=). These other habitats may or may not contain either of the mentioned kelp species depending on the location, however there are no large commercial kelp beds in these habitats. This report is the first of several which compiles data collected from samples of fish stomachs. Figure 1 shows the sampling locations used in these studies.

METHODS

Fish used for stomach samples were caught by gill nets, beach seines or purse seine. Where kelp was present beach seine captures were all made landward of the kelp bed. Purse seines on the other hand were all made just off the seaward edge of kelp beds. Gill net sets were landward of, seaward of and within the kelp. These nets were set either as surface or bottom sets.

Each stomach was fixed in a 10% formalin solution for at least one week prior to preservation in Isoproponal. Fish lengths are standard lengths (Ricker, 1971) and all weights are wet weights after the material was blotted dry on paper towels. Stomach content weight was calculated as the weight of the full stomach minus the weight of the stomach after removal of its contents.

A subjective estimation of stomach fullness and digestion was made for the cardiac and pyloric stomach chambers. Fullness was visually estimated as either trace (entered as 5 or 7%), 25%, 50% or 100% full. The digestive state of stomach contents was scored as fresh, digested, well digested or very well digested. Contents were considered digested when the invertebrates were compressed with most of the appendages still attached or when fish remains showed some signs of tissue breakdown. Well digested contents were those containing invertebrates only as exoskeletons or copepod segments, or fish remains where most of the muscle tissue was either broken down into segments with the vertebrae whole or down into a few sections. Very well digested contents were composed of eye stalks, spines, and/or exoskeletons of invertebrates and fish vertebrae.

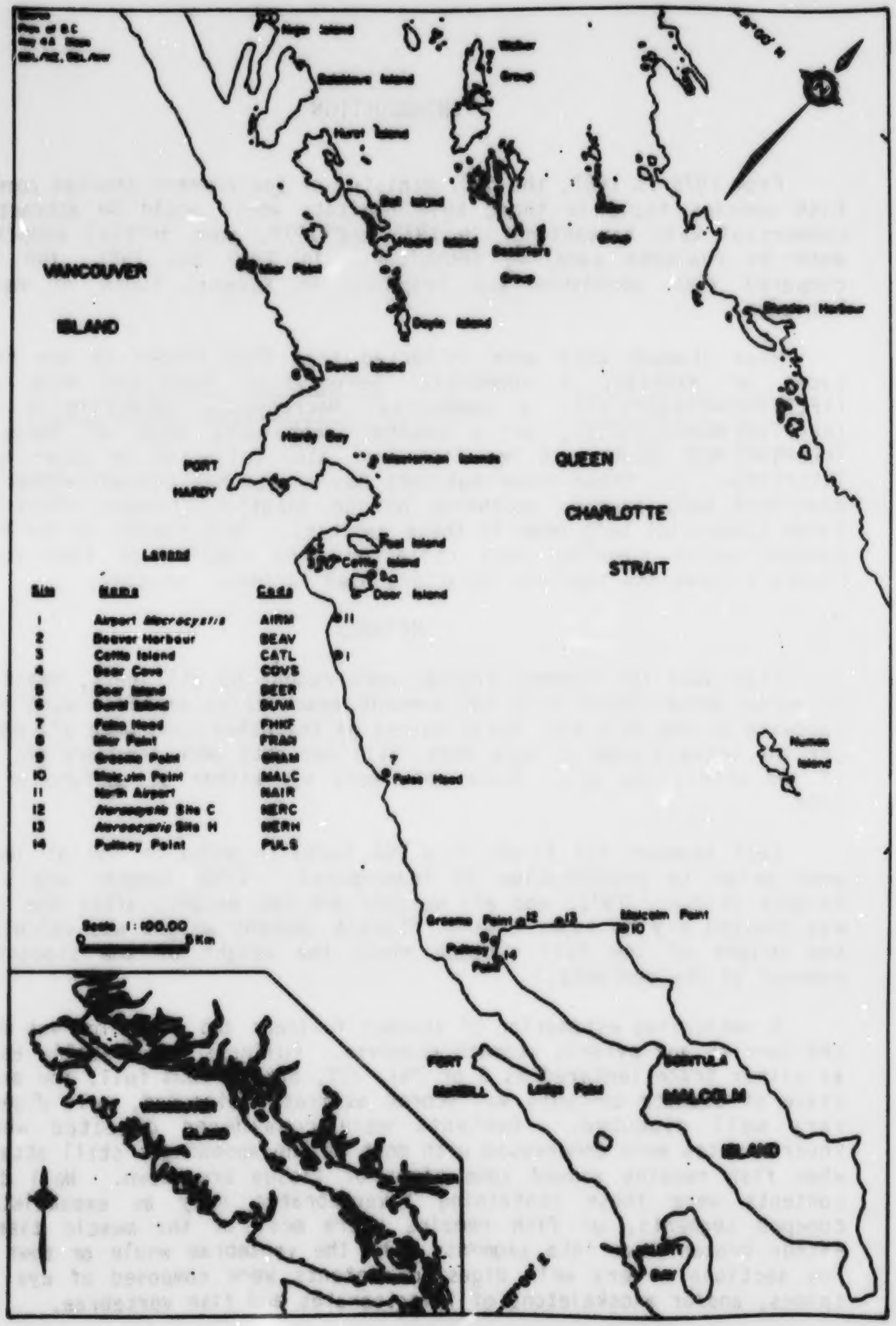
VANCOUVER
ISLAND
PORT
HARDY
Hardy Bay
QUEEN
CHARLOTTE
STRAIT
Duval Island
Doyle Island
Deserters Group
Walker Group
Hurst Island
Bell Island
Balaklava Island
Masterman Islands
Cattle Island
Deer Island
False Head
Groeme Point
Malcolm Point
Pulteney Point
Blunden Harbour
Numas Island
PORT
McNEILL
SOINTULA
MALCOLM
ISLAND
Legend
Site Name Code
1 Airport Macrocystis AIRM
2 Beaver Harbour BEAV
3 Cattle Island CATL
4 Bear Cove COVS
5 Deer Island DEER
6 Duval Island DUVA
7 False Head FHKF
8 Miller Point FRAN
9 Groeme Point GRAM
10 Malcolm Point MALC
11 North Airport NAIR
12 Macrocystis Site C MERC
13 Macrocystis Site H MERH
14 Pulteney Point PULS
Scale 1:100,00
0 5 Km
VANCOUVER
ISLAND

Figure 1. Location of sites where stomach samples were obtained. The codes noted on the diagram are those used to denote sampling sites in the body of the report.

Determination of sex was done using gonadal tissue structure. Tissue differentiation was not always reliable on the smaller fish and is therefore not included.

Data were stored on an I.B.M. model 3081 computer using the SAS Institute's 1979 edition of their Statistical Analysis System software.

Appendix I lists the taxonomic references used to identify the organisms found in the fish stomach samples.

DATA PRESENTATION

The data are presented in three sections: Section 1 - Pacific Cod; Section 2 - Sablefish; Section 3 - Lingcod: Each Section has three subsections. The first lists alphabetically by taxa and final identification all of the types of organisms and other material found in the stomachs. The second subsection indexes stomach identification numbers by fish length and the third subsection contains the data from each of the stomachs.

The stomachs data in that third subsection are listed in order of their identification number. Those identification numbers are in the format of YYMMDDXXX where YY is the last two digits of the year, MM is the month's number, DD is the day of that month and XXX is the identifier for the individual stomach.

The gear type used to capture each fish from which a stomach was taken is also listed at the beginning of the data reported for each of the stomachs.

LITERATURE CITED

Ricker, W.E., 1971. Methods for Assessment of Fish Production in Fresh Waters. Oxford; London: Blackwell Scientific Publishers, Second Edition, International Biological Programme IBP Handbook No. 3.

ACKNOWLEDGEMENTS

The efforts of many people went into the collection, organization and presentation of this data. Though the space available is inadaquate to acknowledge each person individually, I thank them all for their splendid efforts. I want to especially acknowledge the work done by Dr. C.J. Low in identifying the organisms found in the stomachs and Messrs. Ross Chandler and Steve Norton whose long hours of work ensured the data were faithfully transcribed to the computer files. The financial assistance of the Groundfish Section at the Canadian Department of Fisheries and Oceans, Pacific Biological Station, Nanaimo, B.C., is greatly appreciated.

Section 1.0

Pacific Cod
Gadus _Macrocephalus_ Tilesius 1810

1.1 - The Prey of Pacific Cod

THE PREY OF PACIFIC COD

TAXON	GENUS - SPECIES
Algae	Algal species
Anomura	Anomura megalops
	Anomura species
	Lopholithodes mandtii
	Paguris aleuticus
	Pagurus species
Arthropoda	Arthropoda species (fragments only)
Aulorhynchidae	*Aulorhynchus flavidus*
Brachyura	Brachyura megalops
	Brachyura species
	Brachyura zoea
	Cancer branneri
	Cancer oregonensis
	Cancer productus
	Hemigrapsus nudus
	Hyas lyratus
	Lophopanopeus bellus
	Oregonia gracilis
	Petrolisthes eriomerus
	Petrolisthes species
	Pugettia richii
	Scyra acutifrons
	Telmessus cheiragonus
Calanoida	*Aetedius armatus*
	Calanoid copedid
	Calanoid nauplii
	Calanoid species
	Calanus glacialis
	Calanus pacificus
	Calanus plumchrus
	Centrophages abdominalis
	Epilabidocera amphitrites
	Eurytemora americana
	Metridia pacifica
	Microcalanus pygmaeus
	Monstrilla species
	Paracalanus parvis
	Pseudocalanus minutus
	Scaphocalanus brevicornis
	Scolocithricella minor

	Tortanus discaudatus
Callianassidae	*Callianassa californiensis*
	Upogebia pugettia
Caprellidea	*Caprella equilibria*
	Caprella leviuscula
	Caprellidae species
Cirripedia	*Balanus* species
	Barnacle nauplii
	Cypris larva
Cladocera	*Evadne normani*
	Podon polyphemoides
Clupeidae	*Clupea harengus pallasi*
	Clupeid eggs
Cottidae	*Artedius fenestralis*
	Ascelichthys rhodorus
	Cottid species
	Enophrys bison
Cumaceae	Cumaceae species
	Cumella species
	Diastylopsis species
	Lamprops quadriplicata
	Leptocuma species
	Mesolamprops species
Cyclopoida	Cyclopodia species
Cyclopteridae	*Liparis species*
Embiotocidae	*Cymatogster aggregata*
Fish	Fish larvae
	Fish species
Foraminiferidia	*Elphidiella* species
Gadidae	*Gadus macrocephalus*
Gammaridea	*Allorchestes angustus*
	Ampelisca pugetica
	Amphithoe lacertosa
	Amphithoe linbergi
	Amphithor simulans
	Amphithor species

	Anisogammarus pugettensis
	Anonyx species
	Aoroides columbiae
	Calliopiella pratti
	Corophium species
	Dexamonica collingi
	Eohaustorius washingtonianus
	Foxiphalus similis
	Gammarid species
	Hippomedon species
	Hyale frequens
	Hyale grandecornis
	Hyale species
	Ischyrocerus anguipes
	Ischyrocerus species
	Laetmatophilus species
	Melita rostrata
	Odius species (Caranata group)
	Paramoeri mohri (Undescribed)
	Parapleustes pugettensis
	Phliantidae species
	Photis brevipes
	Pleusirus secorrus
	Pleustes species group B
	Pleustes species group D
	Pontogeneia inermis
	Pontogeneai intermedia
	Pontogeneia rostrata
	Protomedia species
	Synchelidium shoemakeri
	Westwoodilla caecula
Harpacticoida	Harpacticoid species
	Harpacticus species
	Porcellidium sarsi
Holothuroidea	*Cumcumaria miniata*
	Cumcumaria pseudocurata
	Holothuroidea species
Hyperidea	*Parathemisto* species
Insecta	Chironomidae larvae
Isopoda	*Aega* species
	Gnorimosphaeroma oregonensis
	Ianiropsis kincaidi
	Idotea ochotensis
	Isopoda species
	Pentidotea resecta
Larvacea	*Oikopleura dioica*

Mollusca	*Acila castrensis*
	Acmaea mitra
	Cardita ventricosa
	Cephalapoda species
	Galeomataceae (superfamily)
	Gastropoda juvenile
	Gastropoda species
	Lacuna carinata
	Littorinarscutulata
	Margarites pupillis
	Mitrella carinata
	Mollusca species
	Pelecypoda species
	Searlsia dira
	Thais species
Mysidaceae	*Acanthomysis davisi*
	Acanthomysis macropsis
	Acanthomysis nephrophthalmus
	Acanthonysis pseudomacropsis
	Acanthomysis sculpta
	Mysid species
	Mysis oculata
	Neomysis awatschensis
Natantia	*Crangon* species
	Heptacarpus brevirostris
	Heptacarpus carinatus
	Heptacarpus species
	Heptacarpus stimpsoni
	Heptacarpus stylus
	Hippolyte clarki
	Hippolyte species
	Natantia species
	Natantia zoea
	Pandalus danae
	Pandalus platycerus
	Pandalus species
Nebaliacea	*Nebalia bipes*
Ostracoda	Ostracoda species
Pholidae	Pholidae species
	Pholis laeta
Pleuronectidae	Pleuronectidae species
Polychaeta	Amphiltenidae species
	Capitella capitata
	Eteone species

	Glycera species
	Lumbrinereis species
	Nereis species
	Onuphis species
	Polychaeta species
	Sabellidae species
Scorpaenidae	*Sebastes flavidus*
	Sebastes species
Stichaeidae	Stichaeidae species
	Xiphister atropurpureus
Stones	Stones
Syngnathidae	*Syngnathus griseolineata*
Tanaidacea	*Leptochelia savienyi*
	Tanaidacea species
Unidentified	Unidentified taxon
Wood	Wood fragments
Turbellaris	*Notoplana* species
Turbellaria	Turbellaria species
Unidentified	Unidentified taxon

1.2 - An Index of Pacific Cod Stomach Samples by Fish Length

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
.	NEREOCYSTIS	800523013
17	NON KELP	810522020
19	NON KELP	810522036
19	NON KELP	810522044
20	NON KELP	810522022
20	NON KELP	810522023
20	NON KELP	810522030
20	NON KELP	810522031
20	NON KELP	810522039
20	NON KELP	810620104
20	NON KELP	810706001
21	NON KELP	810522034
22	MACROCYSTIS	800616547
22	MACROCYSTIS	800616564
22	NON KELP	810522025
22	NON KELP	810522032
22	NON KELP	810522035
23	NON KELP	810522029
24	MACROCYSTIS	800616562
24	NON KELP	810522038
24	NON KELP	810522041
25	NON KELP	810522021
25	NON KELP	810522024
25	NON KELP	810522026
25	NON KELP	810522033
25	NON KELP	810522040
25	NON KELP	810522042
26	MACROCYSTIS	800616548
26	MACROCYSTIS	800616553
27	MACROCYSTIS	800616539
27	MACROCYSTIS	800616557
27	MACROCYSTIS	800616563
27	NON KELP	810522027
27	NON KELP	810522037
27	NON KELP	810522043
28	NEREOCYSTIS	810623500
29	NEREOCYSTIS	810623013
30	MACROCYSTIS	800616551
30	MACROCYSTIS	800616554
30	MACROCYSTIS	800616556
31	MACROCYSTIS	800616513
31	MACROCYSTIS	800616533
31	NON KELP	810620501
32	MACROCYSTIS	800616007
32	MACROCYSTIS	800616010
32	MACROCYSTIS	800616012
32	MACROCYSTIS	800616508
32	MACROCYSTIS	800616518
32	MACROCYSTIS	800616519
32	MACROCYSTIS	800616522
32	MACROCYSTIS	800616529
32	MACROCYSTIS	800616538
32	MACROCYSTIS	800616555
32	MACROCYSTIS	800616561

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
32	NON KELP	810620102
33	MACROCYSTIS	800616014
33	MACROCYSTIS	800616511
33	MACROCYSTIS	800616524
33	MACROCYSTIS	800616527
33	MACROCYSTIS	800616530
33	MACROCYSTIS	800616541
33	MACROCYSTIS	800616543
33	MACROCYSTIS	800616560
34	MACROCYSTIS	800616002
34	MACROCYSTIS	800616023
34	MACROCYSTIS	800616517
34	MACROCYSTIS	800616523
34	MACROCYSTIS	800616526
34	MACROCYSTIS	800616552
34	MACROCYSTIS	800616559
35	MACROCYSTIS	800616004
35	MACROCYSTIS	800616013
35	MACROCYSTIS	800616018
35	MACROCYSTIS	800616504
35	MACROCYSTIS	800616507
35	MACROCYSTIS	800616510
35	MACROCYSTIS	800616515
35	MACROCYSTIS	800616534
35	MACROCYSTIS	800616558
35	NEREOCYSTIS	810623014
36	MACROCYSTIS	800616024
36	MACROCYSTIS	800616512
36	MACROCYSTIS	800616520
36	MACROCYSTIS	800616521
37	MACROCYSTIS	800616005
37	MACROCYSTIS	800616019
37	MACROCYSTIS	800616531
38	MACROCYSTIS	800616006
38	MACROCYSTIS	800616011
38	MACROCYSTIS	800616502
38	MACROCYSTIS	800616528
38	MACROCYSTIS	800616532
38	MACROCYSTIS	800616537
38	MACROCYSTIS	800616544
38	MACROCYSTIS	800616545
38	MACROCYSTIS	800616546
38	NEREOCYSTIS	810803005
39	MACROCYSTIS	800616009
39	MACROCYSTIS	800616509
39	MACROCYSTIS	800616536
39	NON KELP	810620103
39	NEREOCYSTIS	810803008
40	MACROCYSTIS	800616003
40	MACROCYSTIS	800616016
40		800727058
40	NON KELP	810620105
40	NON KELP	810620500
40	NEREOCYSTIS	810803003

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
41	MACROCYSTIS	800616542
42	MACROCYSTIS	800616008
42	MACROCYSTIS	800616525
42	MACROCYSTIS	800616540
42	NEREOCYSTIS	810803002
42	NEREOCYSTIS	810803009
43	MACROCYSTIS	800616500
43	MACROCYSTIS	800616501
43	MACROCYSTIS	800616516
44	MACROCYSTIS	800616514
44	MACROCYSTIS	800616535
45	MACROCYSTIS	800616017
45	MACROCYSTIS	800616506
45	NEREOCYSTIS	810803007
45	NEREOCYSTIS	810803010
47		800727057
47	NEREOCYSTIS	810803004
48	NEREOCYSTIS	810803006
50	NEREOCYSTIS	810803038
53	MACROCYSTIS	800616053
54	MACROCYSTIS	800616505
68	NON KELP	810725004
69		800713001
69		800720008
70	NEREOCYSTIS	800706023
71	MACROCYSTIS	800722062
71	MACROCYSTIS	800825014
71	NEREOCYSTIS	800911023
72	MACROCYSTIS	800722032
74		800720009
75	NEREOCYSTIS	800706020
75	NEREOCYSTIS	800706021
75		800720006
75	MACROCYSTIS	800724022
75	NON KELP	810725012
75	NON KELP	810725014
75	MACROCYSTIS	810726005
76		800720007
78	NEREOCYSTIS	800911022
78	NON KELP	810725003
78	NEREOCYSTIS	810803001
80	NEREOCYSTIS	800911024
80	NON KELP	810725013
80	MACROCYSTIS	810726006
80	NEREOCYSTIS	810918016
81	MACROCYSTIS	800722034
81	MACROCYSTIS	800825005
82	NEREOCYSTIS	800911021
83	MACROCYSTIS	800825004
83	NON KELP	810725002
83	NON KELP	810725011
84	NEREOCYSTIS	810731011
85	MACROCYSTIS	800823041
85	NON KELP	810725010

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
87	NEREOCYSTIS	800911020
89	MACROCYSTIS	800722063
90	NEREOCYSTIS	800911019
91		800720005
91	NON KELP	800909016
93	NON KELP	800909009
94	NON KELP	800909006
95	NEREOCYSTIS	781027513
95	NEREOCYSTIS	781027514
95	NEREOCYSTIS	800911018
96	NON KELP	800909008
98	NON KELP	800909015
99		800820004
100	MACROCYSTIS	800825003
103	MACROCYSTIS	800825013
105	NON KELP	800909007
105	NEREOCYSTIS	810918005
135	NEREOCYSTIS	810918010
136	NEREOCYSTIS	800908021
140	MACROCYSTIS	810125035
140	NEREOCYSTIS	810408044
140	NEREOCYSTIS	810907019
140	NEREOCYSTIS	810918007
140	NEREOCYSTIS	810918011
145	MACROCYSTIS	780915511
145	NEREOCYSTIS	810907020
150		800504003
150	MACROCYSTIS	800924006
150	NEREOCYSTIS	810123124
150	MACROCYSTIS	810125040
150	NEREOCYSTIS	810907018
150	NEREOCYSTIS	810907026
150	NEREOCYSTIS	810918009
152	MACROCYSTIS	800514014
155	NEREOCYSTIS	810123129
155	NEREOCYSTIS	810502011
155	NEREOCYSTIS	810506048
155	NEREOCYSTIS	810506050
155	NEREOCYSTIS	810518020
156	MACROCYSTIS	800403120
157	NEREOCYSTIS	810123114
160	NON KELP	800702007
160	NEREOCYSTIS	810123094
160	MACROCYSTIS	810125048
160	NEREOCYSTIS	810918004
160	NEREOCYSTIS	810918006
160	NEREOCYSTIS	810918008
163	NEREOCYSTIS	800507009
165	NEREOCYSTIS	810123093
165	NEREOCYSTIS	810123122
165	NEREOCYSTIS	810418007
165	NEREOCYSTIS	810502010
165	NEREOCYSTIS	810502012
165	NEREOCYSTIS	810525031

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
170		800504001
170	MACROCYSTIS	810125037
170	MACROCYSTIS	810125042
170	NEREOCYSTIS	810408043
170	MACROCYSTIS	810416063
170	NEREOCYSTIS	810418030
170	NEREOCYSTIS	810502015
170	NEREOCYSTIS	810918012
175	NEREOCYSTIS	800507004
175	MACROCYSTIS	800722044
175	MACROCYSTIS	810125038
175	MACROCYSTIS	810125041
175	NEREOCYSTIS	810518024
179	NEREOCYSTIS	810418012
180		800504002
180	NON KELP	800906037
180	NEREOCYSTIS	810123123
180	NEREOCYSTIS	810502068
180	NEREOCYSTIS	810506049
180		810529009
180	NEREOCYSTIS	810529047
180	NEREOCYSTIS	810620028
185	MACROCYSTIS	800722021
185	NEREOCYSTIS	810418041
185	NEREOCYSTIS	810418043
185		810511002
185	NEREOCYSTIS	810529034
185	NEREOCYSTIS	810529058
188	NEREOCYSTIS	800610003
190	MACROCYSTIS	810125034
190	NEREOCYSTIS	810502063
190	NEREOCYSTIS	810525019
192	NEREOCYSTIS	800509009
195	NEREOCYSTIS	810506020
195	NEREOCYSTIS	810529057
195	NEREOCYSTIS	810609021
200		800703008
200	MACROCYSTIS	810125033
200	MACROCYSTIS	810125039
200	NEREOCYSTIS	810408023
200	NEREOCYSTIS	810502018
200	NON KELP	810512061
200	NEREOCYSTIS	810518016
200		810620034
200	NEREOCYSTIS	810809011
200	NEREOCYSTIS	810819011
201	MACROCYSTIS	800722091
205	NEREOCYSTIS	810529032
206	NEREOCYSTIS	810830008
210	MACROCYSTIS	810125036
210	NEREOCYSTIS	810408017
210	NEREOCYSTIS	810418009
210	NEREOCYSTIS	810502013
210	NEREOCYSTIS	810502014

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
210	NEREOCYSTIS	810529051
210	NEREOCYSTIS	810609020
210	NEREOCYSTIS	810620027
210	NEREOCYSTIS	810716012
210	NEREOCYSTIS	810716016
210	NEREOCYSTIS	810731004
212	NEREOCYSTIS	800908001
212	NEREOCYSTIS	810609016
213	NEREOCYSTIS	810609019
215	NEREOCYSTIS	781027500
215	MACROCYSTIS	800722090
215	NEREOCYSTIS	810529052
215	NEREOCYSTIS	810731006
220		800703009
220	NEREOCYSTIS	810408016
220	NEREOCYSTIS	810418040
220	NEREOCYSTIS	810502069
220	NEREOCYSTIS	810609015
220	NEREOCYSTIS	810609018
220	NEREOCYSTIS	810620021
220	NEREOCYSTIS	810620025
220	NEREOCYSTIS	810830002
222		800720011
223	NEREOCYSTIS	810609017
225	NEREOCYSTIS	810408042
225	NEREOCYSTIS	810502016
225	NEREOCYSTIS	810609010
230	NON KELP	800820080
230	NEREOCYSTIS	810502020
230	NEREOCYSTIS	810502021
230	NEREOCYSTIS	810620024
230		810710018
230	NEREOCYSTIS	810819008
230	NEREOCYSTIS	810819009
230	NEREOCYSTIS	810819010
230	NEREOCYSTIS	810830016
230	NEREOCYSTIS	810907009
230	NEREOCYSTIS	810908007
230	NEREOCYSTIS	810917003
234	NEREOCYSTIS	810609022
235	NEREOCYSTIS	810630005
235		810710016
235	NEREOCYSTIS	810917004
235	NEREOCYSTIS	810917010
235	NEREOCYSTIS	810918003
240		800720016
240	NEREOCYSTIS	810418004
240	NON KELP	810421020
240		810620035
240		810730002
240	NEREOCYSTIS	810731005
240	NEREOCYSTIS	810731012
240	NEREOCYSTIS	810731013
240	NEREOCYSTIS	810830004

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
240	NEREOCYSTIS	810907015
240	NEREOCYSTIS	810907025
240	NEREOCYSTIS	810908008
240	NEREOCYSTIS	810908016
242	MACROCYSTIS	800823028
245	NEREOCYSTIS	810502017
245	NEREOCYSTIS	810909006
246	NEREOCYSTIS	800523010
246	NEREOCYSTIS	810418008
247	MACROCYSTIS	800823029
248	MACROCYSTIS	800622028
248	NEREOCYSTIS	810418021
250	MACROCYSTIS	780915501
250	MACROCYSTIS	780915504
250	MACROCYSTIS	780915507
250	NEREOCYSTIS	781027518
250	NEREOCYSTIS	810408041
250	NEREOCYSTIS	810529033
250	NEREOCYSTIS	810529046
250	NEREOCYSTIS	810710033
250		810730001
250	NEREOCYSTIS	810830001
250	NEREOCYSTIS	810830003
250	NEREOCYSTIS	810830007
250	NEREOCYSTIS	810830012
250	NEREOCYSTIS	810907003
250	NEREOCYSTIS	810907004
250	NEREOCYSTIS	810907011
250	NEREOCYSTIS	810907012
250	NEREOCYSTIS	810909007
252	NEREOCYSTIS	800727123
253	NON KELP	800720056
255	MACROCYSTIS	780915503
255	MACROCYSTIS	780915510
255	MACROCYSTIS	780917509
255	NEREOCYSTIS	810502023
255	NEREOCYSTIS	810529053
255	NEREOCYSTIS	810908002
255	NEREOCYSTIS	810908006
255	NEREOCYSTIS	810909005
255	NEREOCYSTIS	810917008
255	NEREOCYSTIS	810917009
260	MACROCYSTIS	780917501
260	MACROCYSTIS	780917512
260	NEREOCYSTIS	800624008
260	NEREOCYSTIS	810819012
260	NEREOCYSTIS	810819015
260	NEREOCYSTIS	810830006
260	NEREOCYSTIS	810830015
260	NEREOCYSTIS	810907007
260	NEREOCYSTIS	810907008
260	NEREOCYSTIS	810908003
260	NEREOCYSTIS	810908015
260	NEREOCYSTIS	810918013

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
260	NEREOCYSTIS	810918014
262	NON KELP	800820086
262	NEREOCYSTIS	810731010
265	MACROCYSTIS	780917503
265	MACROCYSTIS	780917506
265	MACROCYSTIS	780917508
265	NEREOCYSTIS	781027503
265	NEREOCYSTIS	810809007
265	NEREOCYSTIS	810809008
265	NEREOCYSTIS	810909009
270	MACROCYSTIS	780915505
270	NEREOCYSTIS	781027502
270	NEREOCYSTIS	781027517
270	NON KELP	800929001
270	NEREOCYSTIS	810529050
270		810716015
270	NEREOCYSTIS	810830010
270	NEREOCYSTIS	810907016
270	NEREOCYSTIS	810908001
270	NEREOCYSTIS	810908005
270	NEREOCYSTIS	810908011
270	NEREOCYSTIS	810908013
270	NEREOCYSTIS	810909001
275	MACROCYSTIS	780915509
275	MACROCYSTIS	780917510
275	NEREOCYSTIS	781027508
275	NON KELP	810806041
280	MACROCYSTIS	780915506
280	MACROCYSTIS	780917505
280	MACROCYSTIS	780917507
280	NEREOCYSTIS	781027507
280		810710015
280	NEREOCYSTIS	810819014
280		810830009
280	NEREOCYSTIS	810907010
280	NEREOCYSTIS	810908004
280	NEREOCYSTIS	810908014
280	NEREOCYSTIS	810909003
281	NEREOCYSTIS	800727124
285	NEREOCYSTIS	781027509
285	NEREOCYSTIS	800908004
290	MACROCYSTIS	780917500
290	MACROCYSTIS	780917502
290	NEREOCYSTIS	781027512
290	NEREOCYSTIS	781027515
290	NEREOCYSTIS	781027519
290	NEREOCYSTIS	781027520
290		810529010
290	NEREOCYSTIS	810830013
290	NEREOCYSTIS	810909004
295	NEREOCYSTIS	781027506
295	NEREOCYSTIS	781027511
295	NEREOCYSTIS	800727131
295	NEREOCYSTIS	810609008

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
300	NEREOCYSTIS	781027510
300	NEREOCYSTIS	810830011
300	NEREOCYSTIS	810909002
305	NEREOCYSTIS	781027505
311	NON KELP	801020035
315		810710019
320	MACROCYSTIS	780915500
324		800609006
325	NEREOCYSTIS	781027501
325	NEREOCYSTIS	781027521
325	MACROCYSTIS	800521002
325	NEREOCYSTIS	800608005
330	NEREOCYSTIS	810502019
330		810620036
333		810630008
335	NEREOCYSTIS	781027504
335		800609007
335	NON KELP	810521063
340	NEREOCYSTIS	781027516
340		810620033
340		810918017
345	NEREOCYSTIS	781027522
350	NEREOCYSTIS	800507001
350	NON KELP	800530007
350	MACROCYSTIS	800724024
350	NEREOCYSTIS	800727122
350	MACROCYSTIS	800823027
350	NEREOCYSTIS	810123115
350	NON KELP	810412181
350	NEREOCYSTIS	810502022
355	NEREOCYSTIS	810731007
358	MACROCYSTIS	800403106
360	MACROCYSTIS	800403134
360		800609008
360		800609009
361	NEREOCYSTIS	800624010
365	NON KELP	810416004
368		800527018
370	NON KELP	800906044
370	NEREOCYSTIS	810710014
370	NEREOCYSTIS	810908009
370	NEREOCYSTIS	810909008
370	NEREOCYSTIS	810917007
375	NON KELP	810505012
375	NEREOCYSTIS	810518007
380	NON KELP	800612012
380	MACROCYSTIS	810123054
380	NEREOCYSTIS	810408029
380	NEREOCYSTIS	810502071
380	NEREOCYSTIS	810630004
380		810630010
382	NON KELP	800906028
385	NEREOCYSTIS	810609007
390	NEREOCYSTIS	810506053

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
400	MACROCYSTIS	800403029
400	MACROCYSTIS	800403136
400	NEREOCYSTIS	800706031
400	NON KELP	800820087
400	NEREOCYSTIS	800908007
400	NEREOCYSTIS	810408027
400	MACROCYSTIS	810416046
400	MACROCYSTIS	810416047
400	NEREOCYSTIS	810506009
400	NEREOCYSTIS	810506051
400	NEREOCYSTIS	810716007
400	NEREOCYSTIS	810819013
400	NEREOCYSTIS	810907006
401	MACROCYSTIS	810416045
404	MACROCYSTIS	810416041
409	NON KELP	810505028
410	MACROCYSTIS	800403020
410	MACROCYSTIS	800403135
410	NEREOCYSTIS	800427003
410	NEREOCYSTIS	800509012
410		800516001
410		800527015
410	NEREOCYSTIS	810408046
410	NEREOCYSTIS	810502070
410	NON KELP	810505013
410	NEREOCYSTIS	810506054
415	MACROCYSTIS	800403101
415	MACROCYSTIS	800521001
420	MACROCYSTIS	800403080
420	MACROCYSTIS	800403110
420	NEREOCYSTIS	810408024
420	NON KELP	810416007
420	NEREOCYSTIS	810418042
420	NON KELP	810505005
420	NON KELP	810505006
420	NON KELP	810512044
420	NEREOCYSTIS	810525030
420		810630007
420	NEREOCYSTIS	810716009
420	NEREOCYSTIS	810907013
425	NEREOCYSTIS	800828006
425	NEREOCYSTIS	810518005
425	NEREOCYSTIS	810609004
430	MACROCYSTIS	800403100
430		800713006
430		800911006
430	NON KELP	810412180
430	NEREOCYSTIS	810506052
430	NON KELP	810527030
430		810529017
430	NEREOCYSTIS	810620023
435	NEREOCYSTIS	800608010
436	NON KELP	810421006
440	MACROCYSTIS	800403121

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
440		810408010
440	NEREOCYSTIS	810408028
440	NEREOCYSTIS	810408034
440	NON KELP	810505026
440	NEREOCYSTIS	810506055
440	NEREOCYSTIS	810525029
440	NEREOCYSTIS	810731008
445	NEREOCYSTIS	810503001
445	NON KELP	810505017
445	NEREOCYSTIS	810518006
450		800501018
450		800518004
450	NON KELP	800820088
450	NEREOCYSTIS	810408031
450	NON KELP	810412187
450	NEREOCYSTIS	810502004
450	NON KELP	810505008
450	NON KELP	810505011
450	NEREOCYSTIS	810506003
450	NON KELP	810512001
450	NEREOCYSTIS	810518001
450	NEREOCYSTIS	810819007
460		800527016
460	NON KELP	810505010
465	NON KELP	810505007
466	NON KELP	810421003
470		800501002
470	NEREOCYSTIS	800608012
470	NON KELP	810323169
470	NEREOCYSTIS	810408030
470	NEREOCYSTIS	810408045
470	NEREOCYSTIS	810502003
470	NON KELP	810505009
470	NEREOCYSTIS	810506004
470	NEREOCYSTIS	810506005
470	NON KELP	810622001
470	NEREOCYSTIS	810917001
472	NON KELP	810505018
480	MACROCYSTIS	800403107
480	NEREOCYSTIS	810408051
480	NON KELP	810416005
480	NON KELP	810416008
485	NEREOCYSTIS	810819003
487	NON KELP	810505022
490	MACROCYSTIS	810416024
490	NEREOCYSTIS	810502007
490	NEREOCYSTIS	810506002
490	NEREOCYSTIS	810525014
490	NEREOCYSTIS	810525015
490	NEREOCYSTIS	810830014
498	NON KELP	810421004
500	MACROCYSTIS	800403127
500		800501017
500	NON KELP	810412188

INDEX OF COD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
500	MACROCYSTIS	810416057
500	NEREOCYSTIS	810502005
500	NON KELP	810505003
504	NON KELP	810421005
510	NEREOCYSTIS	810506007
513	NON KELP	810505024
515	NEREOCYSTIS	810518002
520	NON KELP	810622002
520	NEREOCYSTIS	810716003
525	NEREOCYSTIS	810518003
530	NON KELP	810421001
530	NEREOCYSTIS	810710008
534	NON KELP	810421002
538	NON KELP	810513002
540	NON KELP	810505027
543	NON KELP	810505019
550	NEREOCYSTIS	810809001
558	NEREOCYSTIS	810418001
565	NON KELP	810505021
575	NEREOCYSTIS	810630002
590	NEREOCYSTIS	810502006

1.3 - Pacific Cod Stomach Content Data

```
#780915500    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 320  MM,     WEIGHT = 583  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.978    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
NATANTIA        HIPPOLYTE CLARKI                           1       0
                NATANTIA SPECIES                           3      10
                PANDALUS SPECIES                          10      90


#780915501    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 250  MM,     WEIGHT = 304  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 9.282    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
NATANTIA        HEPTACARPUS BREVIROSTRIS                   4      20
                NATANTIA SPECIES                           1       0
SYNGNATHIDAE    SYNGNATHUS GRISEOLINEATA                   9      80


#780915503    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 255  MM,     WEIGHT = 267  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.575    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ANOMURA         ANOMURA SPECIES                            1      10
NATANTIA        CRANGON SPECIES                            1      20
                PANDALUS SPECIES                           1      70
```

```
#780915504     GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 250  MM,      WEIGHT = 290  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.865     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
AULORHYNCHIDAE   AULORHYNCHUS FLAVIDUS                         2      60
FISH             FISH SPECIES                                  1      20
MYSIDACEAE       ACANTHOMYSIS NEPHROPHTHALMUS                  3       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                      1      20
                 HIPPOLYTE CLARKI                              2       0


#780915505     GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 270  MM,      WEIGHT = 327  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.597     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
FISH             FISH SPECIES                                  1      70
NATANTIA         CRANGON SPECIES                               4      20
                 HEPTACARPUS BREVIROSTRIS                      1      10


#780915506     GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 280  MM,      WEIGHT = 354  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 4.588     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                               2      40
FISH             FISH SPECIES                                  4      50
NATANTIA         HEPTACARPUS BREVIROSTRIS                      6      10
                 HIPPOLYTE CLARKI                              1       0
                 PANDALUS SPECIES                              1       0
```

```
#780915507    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 250  MM,      WEIGHT = 289  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.382    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
ISOPODA         PENTIDOTEA RESECTA                            1      50
NATANTIA        NATANTIA SPECIES                              3      50


#780915509    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 275  MM,      WEIGHT = 346  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.833    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
NATANTIA        HEPTACARPUS BREVIROSTRIS                      3      70
                NATANTIA SPECIES                              3      30


#780915510    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 255  MM,      WEIGHT = 253  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 3.058    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
ANOMURA         ANOMURA SPECIES                               2      80
NATANTIA        PANDALUS SPECIES                              1      20


#780915511    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 145  MM,      WEIGHT = 45   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.25     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
NATANTIA        NATANTIA SPECIES                              5     100
```

```
#780917500    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 290  MM,     WEIGHT = 354  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 7.841    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      MELITA ROSTRATA                        1       0
                PONTOGENEIA INERMIS                    1       0
NATANTIA        CRANGON SPECIES                        5      60
                CRANGON SPECIES                        2       5
                HEPTACARPUS BREVIROSTRIS              22      40
                HEPTACARPUS CARINATUS                  2       0
                HEPTACARPUS STYLUS                     1       0
                HIPPOLYTE CLARKI                       3       0
                NATANTIA SPECIES                       9       0
                NATANTIA SPECIES                       4       5
                PANDALUS SPECIES                      13      90


#780917501    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 256  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 17.256   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA        CRANGON SPECIES                        1       0
                CRANGON SPECIES                        5      10
                HEPTACARPUS BREVIROSTRIS              24      30
                HEPTACARPUS CARINATUS                  4      10
                HEPTACARPUS SPECIES                    2       0
                PANDALUS SPECIES                       9      50
                PANDALUS SPECIES                      10     100
                SPIRONTOCARIS OCHOTENSIS               2       0


#780917502    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 290  MM,     WEIGHT = 339  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 18.835   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                           NUMBER  VOLUME
-----------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                  3      10
FISH            FISH SPECIES                           2       0
GAMMARIDEA      MELITA ROSTRATA                        1       0
NATANTIA        CRANGON SPECIES                        2       0
```

```
                   HEPTACARPUS BREVIROSTRIS                   34    30
                   HEPTACARPUS STYLUS                         29    20
                   PANDALUS SPECIES                           10    40
                   SPIRONTOCARIS OCHOTENSIS                    2     0
PLEURONECTIDAE     PLEURONECTIDAE SPECIES                      1     0


#780917503     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 265  MM,     WEIGHT = 258  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------


#780917505     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 263  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.464     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON             PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
NATANTIA          NATANTIA SPECIES                        3    100


#780917506     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 265  MM,     WEIGHT = 262  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.076     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON             PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
NATANTIA          CRANGON SPECIES                         4    100


#780917507     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 280  MM,     WEIGHT = 342  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 13.195    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON             PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH              FISH SPECIES                            1      5
NATANTIA          PANDALUS SPECIES                        7     95
```

```
#780917508     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 265  MM,     WEIGHT = 340  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 15.502    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                        1      10
NATANTIA        HEPTACARPUS BREVIROSTRIS                     2      10
                HEPTACARPUS CARINATUS                        1       5
                PANDALUS DANAE                               6      50
                PANDALUS PLATYCERUS                          3      30
                SPIRONTOCARIS OCHOTENSIS                     2       5
```

```
#780917509     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 255  MM,     WEIGHT = 270  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.929    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                          2       0
NATANTIA        CRANGON SPECIES                              6      20
                HEPTACARPUS BREVIROSTRIS                    18      70
                PANDALUS SPECIES                             3      10
```

```
#780917510     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 275  MM,     WEIGHT = 305  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 3.578    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                          1       0
NATANTIA        CRANGON SPECIES                              1      10
                HEPTACARPUS BREVIROSTRIS                    22      40
                HEPTACARPUS STYLUS                           7      30
                PANDALUS SPECIES                             1      20
                SPIRONTOCARIS SPECIES                        1       0
```

```
#780917512    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 260  MM,      WEIGHT = 256  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------

BRACHYURA        BRACHYURA SPECIES                             1      10
GAMMARIDEA       PONTOGENEIA INERMIS                           2       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                      8      40
                 HEPTACARPUS STYLUS                            2       5
                 NATANTIA SPECIES                              2       5
                 PANDALUS SPECIES                              1      30
POLYCHAETA       POLYCHAETA SPECIES                                   10


#781027500    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 215  MM,      WEIGHT = 241  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.323     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA       AMPHITHOE LINDBERGI                           2       0
                 PONTOGENEIA INERMIS                           3       0
NATANTIA         NATANTIA SPECIES                                    100


#781027501    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 325  MM,      WEIGHT = 734  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 9.706     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                               1      20
GAMMARIDEA       AMPHITHOE LINDBERGI                           1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                     18      40
                 PANDALUS SPECIES                              4      40
```

```
#781027502    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,      WEIGHT = 396  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 4.232    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                          34      10
                PONTOGENEIA INERMIS                          1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                    25      90


#781027503    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 265  MM,      WEIGHT = 327  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 4.119    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
GAMMARIDEA      AMPELISCA PUGETICA                          73      70
                AMPHITHOE LACERTOSA                          2       0
                PONTOGENEIA INERMIS                          3       0
NATANTIA        CRANGON SPECIES                              1       0
                HEPTACARPUS BREVIROSTRIS                     6      10
POLYCHAETA      POLYCHAETA SPECIES                           1      20


#781027504    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 335  MM,      WEIGHT = 668  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.972    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                             1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                     7       0
                HEPTACARPUS CARINATUS                       15      70
                PANDALUS SPECIES                             2      30
```

```
#781027505     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 305  MM,       WEIGHT - 567  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 15.147    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0    %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               1       0
NATANTIA        HEPTACARPUS CARINATUS                      5      20
                PANDALUS SPECIES                           8      80


#781027506     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 295  MM,       WEIGHT - 430  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 8.301     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50   %,   DIGESTION - D
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ALGAL SPECIES                              1       0
GAMMARIDEA      AMPELISCA PUGETICA                         1       0
                AMPHITHOE LACERTOSA                        1       0
                AMPHITHOE LINDBERGI                        2       0
                ISCHYROCERUS ANGUIPES                      1       0
                PONTOGENEIA INERMIS                        2       0
ISOPODA         AEGA SPECIES                               1       0
NATANTIA        CRANGON SPECIES                            2       0
                HEPTACARPUS BREVIROSTRIS                  34      20
                HEPTACARPUS STYLUS                         3       0
                HIPPOLYTE CLARKI                           3       0
                PANDALUS PLATYCERUS                        1      80


#781027507     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 280  MM,       WEIGHT - 362  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 6.319     GM
    FULLNESS OF CARDIAC CHAMBER - 50   %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50   %,   DIGESTION - WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               2      30
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                  11      10
                HEPTACARPUS STYLUS                         1       0
                PANDALUS SPECIES                           1      60
```

```
#781027508     GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 275  MM,     WEIGHT - 337  GM,      SEX - F
     WEIGHT OF STOMACH CONTENTS - 3.123     GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       PUGETTIA RICHII                             1       0
GAMMARIDEA      AMPELISCA PUGETICA                          1       0
                ISCHYROCERUS ANGUIPES                       4       0
                PONTOGENEIA INERMIS                       169      80
NATANTIA        CRANGON SPECIES                             3      10
                HEPTACARPUS BREVIROSTRIS                    5      10


#781027509     GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 285  MM,     WEIGHT - 279  GM,      SEX - F
     WEIGHT OF STOMACH CONTENTS - 5.02      GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                           1      20
COTTIDAE        ARTEDIUS FENESTRALIS                        1      30
GAMMARIDEA      AMPELISCA PUGETICA                         81      50
                ISCHYROCERUS ANGUIPES                       1       0
                PONTOGENEIA INERMIS                         2       0


#781027510     GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 300  MM,     WEIGHT - 451  GM,      SEX - M
     WEIGHT OF STOMACH CONTENTS - 1.757     GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - WD
     FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      AMPHITHOE LACERTOSA                         2     100
```

```
#781027511     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 295  MM,      WEIGHT - 562  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 14.174   GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - D
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
FISH              FISH SPECIES                                 2      10
GAMMARIDEA        AMPELISCA PUGETICA                           1       0
                  AMPHITHOE LINDBERGI                          1       0
                  PONTOGENEIA INERMIS                          3       0
NATANTIA          HEPTACARPUS BREVIROSTRIS                    39      40
                  HEPTACARPUS STYLUS                          46      45
PHOLIDAE          PHOLIDAE SPECIES                             1       5
STONES            STONES                                       1       0


#781027512     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 290  MM,      WEIGHT - 400  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 7.394   GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA        AMPELISCA PUGETICA                         145     100
                  PONTOGENEIA INERMIS                          3       0
ISOPODA           PENTIDOTEA RESECTA                           1       0
NATANTIA          NATANTIA SPECIES                             1       0


#781027513     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 95   MM,      WEIGHT - 53   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 1.371   GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA        PONTOGENEIA INERMIS                        225     100
MYSIDACEAE        ACANTHOMYSIS NEPHROPHTHALMUS                 3       0
NATANTIA          NATANTIA SPECIES                             1       0
```

```
#781027514    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 95   MM,      WEIGHT = 49   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.612    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA        AMPELISCA PUGETICA                      1       0
                  ANONYX SPECIES                          1       0
                  FOXIPHALUS SIMILIS                      1       0
                  ISCHYROCERUS ANGUIPES                   2       0
                  PONTOGENEIA INERMIS                     6       5
NATANTIA          HEPTACARPUS BREVIROSTRIS                5      95


#781027515    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 290  MM,      WEIGHT = 430  GM,       SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.652    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                     4     100
GAMMARIDEA        AMPHITHOE LACERTOSA                     1       0
NATANTIA          HEPTACARPUS BREVIROSTRIS                1       0


#781027516    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 340  MM,      WEIGHT = 800  GM,       SEX = F
    WEIGHT OF STOMACH CONTENTS = 11.4     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON             PREYTYPE                             NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE             ALGAL SPECIES                           1       0
BRACHYURA         PUGETTIA RICHII                         1      10
COTTIDAE          ENOPHRYS BISON                          1      10
FISH              FISH SPECIES                            1       0
NATANTIA          CRANGON SPECIES                         9      30
                  HEPTACARPUS BREVIROSTRIS                8      20
                  HEPTACARPUS CARINATUS                   7      20
                  NATANTIA SPECIES                        4       0
                  PANDALUS SPECIES                        1      10
```

```
#781027517    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 270  MM,      WEIGHT - 364  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 6.751     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      AMPHITHOE LACERTOSA                          3      10
                PONTOGENEIA INERMIS                          1       0
NATANTIA        CRANGON SPECIES                              9      30
                HEPTACARPUS BREVIROSTRIS                    32      60


#781027518    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 250  MM,      WEIGHT - 259  GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 1.643     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                           1       0
                AMPHITHOE LACERTOSA                          2      40
                AMPHITHOE LINDBERGI                          2      30
                PONTOGENEIA INERMIS                          2       0
ISOPODA         PENTIDOTEA RESECTA                           1      10
NATANTIA        CRANGON SPECIES                              1       0
                HEPTACARPUS BREVIROSTRIS                     2      20


#781027519    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 290  MM,      WEIGHT - 507  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 10.897    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WP
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             3      30
GAMMARIDEA      AMPELISCA PUGETICA                           2       0
                AMPHITHOE LINDBERGI                          1      10
NATANTIA        HEPTACARPUS BREVIROSTRIS                     7      30
                PANDALUS SPECIES                             2      30
```

#781027520 GEARTYPE - GILLNET KELPTYPE - NEREOCYSTIS

LOCATION - GRAM POSITION - ON THE BOTTOM SEAWARD OF KELP
LENGTH - 290 MM, WEIGHT - 450 GM, SEX - M
WEIGHT OF STOMACH CONTENTS - 9.894 GM
FULLNESS OF CARDIAC CHAMBER - 100 %, DIGESTION - D
FULLNESS OF PYLORIC CHAMBER - 0 %, DIGESTION -

TAXON	PREYTYPE	NUMBER	VOLUME
GAMMARIDEA	AMPELISCA PUGETICA	77	30
	AMPHITHOE LACERTOSA	4	30
	AMPHITHOE LINDBERGI	1	0
	PONTOGENEIA INERMIS	9	0
NATANTIA	CRANGON SPECIES	6	10
	HEPTACARPUS BREVIROSTRIS	28	30

#781027521 GEARTYPE - GILLNET KELPTYPE - NEREOCYSTIS

LOCATION - GRAM POSITION - ON THE BOTTOM SEAWARD OF KELP
LENGTH - 325 MM, WEIGHT - 550 GM, SEX - M
WEIGHT OF STOMACH CONTENTS - 8.179 GM
FULLNESS OF CARDIAC CHAMBER - 50 %, DIGESTION - WD
FULLNESS OF PYLORIC CHAMBER - 50 %, DIGESTION - D

TAXON	PREYTYPE	NUMBER	VOLUME
NATANTIA	CRANGON SPECIES	3	50
	HEPTACARPUS BREVIROSTRIS	1	10
	NATANTIA SPECIES	3	20
	PANDALUS SPECIES	1	20

#781027522 GEARTYPE - GILLNET KELPTYPE - NEREOCYSTIS

LOCATION - GRAM POSITION - ON THE BOTTOM SEAWARD OF KELP
LENGTH - 345 MM, WEIGHT - 650 GM, SEX - M
WEIGHT OF STOMACH CONTENTS - 20.734 GM
FULLNESS OF CARDIAC CHAMBER - 100 %, DIGESTION - D
FULLNESS OF PYLORIC CHAMBER - 0 %, DIGESTION -

TAXON	PREYTYPE	NUMBER	VOLUME
		1	20
ALGAE	ALGAL SPECIES	1	0
MOLLUSCA	GASTROPODA SPECIES	1	30
NATANTIA	HEPTACARPUS BREVIROSTRIS	3	10
	HEPTACARPUS SPECIES	1	0
	HEPTACARPUS STYLUS	1	0
	PANDALUS SPECIES	1	20
STONES	STONES	3	20

```
#800403020     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
    LENGTH - 410  MM,     WEIGHT -      GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 3.632    GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100


#800403029     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE   IN THE KELP
    LENGTH - 400  MM,     WEIGHT -      GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 1.567    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                                 1     40
WOOD            WOOD FRAGMENTS                               6     60


#800403080     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE   IN THE KELP
    LENGTH - 420  MM,     WEIGHT - 1078 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0        GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------


#800403100     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 430  MM,     WEIGHT - 1283 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0        GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------
```

```
#800403101    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

   LOCATION - AIRM    POSITION - ON THE BOTTOM   IN THE KELP
   LENGTH - 415  MM,      WEIGHT - 832  GM,       SEX - F
   WEIGHT OF STOMACH CONTENTS - 17.655   GM
   FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - WD
   FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE           ALGAL SPECIES                              1      50
FISH            FISH SPECIES                               1      50


#800403106    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

   LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
   LENGTH - 358  MM,      WEIGHT - 736  GM,       SEX - M
   WEIGHT OF STOMACH CONTENTS - 18.253   GM
   FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - WD
   FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE       CLUPEID EGGS                              11      10
FISH            FISH SPECIES                               2      60
STICHAEIDAE     STICHAEIDAE SPECIES                        1      30


#800403107    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

   LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
   LENGTH - 480  MM,      WEIGHT - 1253 GM,       SEX - F
   WEIGHT OF STOMACH CONTENTS - 27.188   GM
   FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
   FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                               1     100


#800403110    GEARTYPE - GILLNET           KELPTYPE - MACROCYSTIS

   LOCATION - AIRM    POSITION - AT THE SURFACE  SEAWARD OF KELP
   LENGTH - 420  MM,      WEIGHT - 1142 GM,       SEX - F
   WEIGHT OF STOMACH CONTENTS - 24.369   GM
   FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
   FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------
CLUPEIDAE       CLUPEID EGGS                                      90
FISH            FISH SPECIES                               1      10
```

```
#800403120    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - ON THE BOTTOM    SEAWARD OF KELP
    LENGTH - 156  MM,      WEIGHT - 46   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 1.063    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA       ISCHYROCERUS ANGUIPES                        2       0
                 PONTOGENEIA INERMIS                         16      10
NATANTIA         CRANGON SPECIES                              1      20
                 HEPTACARPUS BREVIROSTRIS                     1      10
STICHAEIDAE      STICHAEIDAE SPECIES                          1      60


#800403121    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - ON THE BOTTOM    SEAWARD OF KELP
    LENGTH - 440  MM,      WEIGHT - 1191 GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 11.461   GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI                      1     100


#800403127    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - ON THE BOTTOM    SEAWARD OF KELP
    LENGTH - 500  MM,      WEIGHT - 1566 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0.6      GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - VWD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
POLYCHAETA       POLYCHAETA SPECIES                           1     100


#800403134    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - ON THE BOTTOM    SEAWARD OF KELP
    LENGTH - 360  MM,      WEIGHT - 733  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 1.405    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                1      20
FISH             FISH SPECIES                                 1      80
```

```
#800403135    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 410  MM,     WEIGHT = 998  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 21.843   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA       TELMESSUS CHEIRAGONUS                          1     40
FISH            FISH SPECIES                                   1     60


#800403136    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 400  MM,     WEIGHT = 886  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 41.272   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
CLUPEIDAE       CLUPEA HARENGUS PALLASI                        1    100


#800427003    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 410  MM,     WEIGHT = 1236 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------


#800501002    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 470  MM,     WEIGHT = 1466 GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 32.26    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
------------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                  1     40
FISH            FISH SPECIES                                   8     60
NATANTIA        CRANGON SPECIES                                1      0
```

```
#800501017     GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 500  MM,     WEIGHT = 1555 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 39.368   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES
BRACHYURA        TELMESSUS CHEIRAGONUS                   2      50
STICHAEIDAE      STICHAEIDAE SPECIES                     1      30
                                                         2      20


#800501018     GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 450  MM,     WEIGHT = 1189 GM,     SEX =
    WEIGHT OF STOMACH CONTENTS =           GM
    FULLNESS OF CARDIAC CHAMBER =     %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER =     %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES
GAMMARIDEA       AMPHITHOE LINDBERGI                     1      20
NATANTIA         CRANGON SPECIES                         1       0
                 PANDALUS DANAE                          2      10
PHOLIDAE         PHOLIS LAETA                            1      10
STICHAEIDAE      STICHAEIDAE SPECIES                     1      20
                                                         5      40


#800504001     GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 170  MM,     WEIGHT = 56   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.372    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH LARVAE
GAMMARIDEA       PONTOGENEIA INERMIS                     1       0
                 PONTOGENEIA INTERMEDIA                  6       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS           42      30
POLYCHAETA       NEREIS SPECIES                          9      10
                                                         2      60
```

```
#800504002    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 180  MM,      WEIGHT = 53   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.503    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE            ALGAL SPECIES                              1      10
GAMMARIDEA       PONTOGENEIA INERMIS                        1       0
NATANTIA         CRANGON SPECIES                            1     100
POLYCHAETA       POLYCHAETA SPECIES                         1      90


#800504003    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 150  MM,      WEIGHT = 58   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.303    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
POLYCHAETA       POLYCHAETA SPECIES                         1     100


#800507001    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERH    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 350  MM,      WEIGHT = 519  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.612    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        PETROLISTHES SPECIES                       1      10
GAMMARIDEA       AMPELISCA PUGETICA                         2       0
                 PONTOGENEIA INERMIS                        4      10
ISOPODA          PENTIDOTEA RESECTA                         1       5
NATANTIA         CRANGON SPECIES                            1       0
                 HEPTACARPUS BREVIROSTRIS                   1      60
                 NATANTIA SPECIES                           5       5
POLYCHAETA       POLYCHAETA SPECIES                         1       0
STONES           STONES                                     5      10
```

```
#800507004    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERH    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 175  MM,     WEIGHT = 58   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.661     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA        AMPELISCA PUGETICA                   80     100
                  AMPHITHOR SPECIES                     1       0
                  PONTOGENEIA INERMIS                   1       0


#800507009    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERH    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 163  MM,     WEIGHT = 50   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.23      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
FISH              FISH LARVAE                           2       0
GAMMARIDEA        AMPELISCA PUGETICA                  166      90
                  HIPPOMEDON SPECIES                    1       0
                  MELITA ROSTRATA                       1       0
                  PONTOGENEIA INERMIS                  10       5
                  PONTOGENEIA INTERMEDIA                1       0
                  SYNCHELIDIUM SHOEMAKERI               8       5
NATANTIA          NATANTIA ZOEA                         3       0


#800509009    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 192  MM,     WEIGHT = 92   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.933     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA        AMPELISCA PUGETICA                    1       0
                  GAMMARID SPECIES                      3      10
                  ISCHYROCERUS ANGUIPES                 1       0
                  PONTOGENEIA INERMIS                   7      20
ISOPODA           PENTIDOTEA RESECTA                    1      30
MYSIDACEAE        ACANTHOMYSIS DAVISI                   5      10
NATANTIA          CRANGON SPECIES                       2      30
POLYCHAETA        POLYCHAETA SPECIES                    1       0
```

```
#800509012    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 410  MM,      WEIGHT = 398  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 8.084    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ANOMURA         ANOMURA SPECIES                            2      20
BRACHYURA       CANCER OREGONENSIS                         1      30
MOLLUSCA        MARGARITES PUPILLIS                        1       0
NATANTIA        CRANGON SPECIES                            4      10
                HEPTACARPUS BREVIROSTRIS                   6      40


#800514014    GEARTYPE = GILLNET          KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 152  MM,      WEIGHT = 50   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.31     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CUMACEAE        MESOLAMPROPS SPECIES                      11      10
GAMMARIDEA      GAMMARID SPECIES                           1       0
MOLLUSCA        GASTROPODA SPECIES                         1       0
MYSIDACEAE      MYSID SPECIES                              1       0
NATANTIA        CRANGON SPECIES                           54      90


#800516001    GEARTYPE = GILLNET          KELPTYPE =

    LOCATION = FHTH    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 410  MM,      WEIGHT = 1205 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 28.64    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
POLYCHAETA      NEREIS SPECIES                            20      60
                POLYCHAETA SPECIES                        80      40
```

```
#800518004    GEARTYPE = GILLNET              KELPTYPE =

     LOCATION = FHKF    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 450  MM,     WEIGHT = 1025 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 20.715   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
ANOMURA            ANOMURA SPECIES
COTTIDAE           ENOPHRYS BISON                          1       0
NATANTIA           NATANTIA SPECIES                        2      20
POLYCHAETA         POLYCHAETA SPECIES                      1       0
STICHAEIDAE        STICHAEIDAE SPECIES                    20      30
STONES             STONES                                  1      40
                                                           2      10


#800521001    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 415  MM,     WEIGHT = 936  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.698    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
FISH               FISH SPECIES
ISOPODA            GNORIMOSPHAEROMA OREGONENSIS            1      40
NATANTIA           CRANGON SPECIES                         1      10
                   HEPTACARPUS BREVIROSTRIS                1       0
POLYCHAETA         POLYCHAETA SPECIES                      1       0
                                                           2      50


#800521002    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 325  MM,     WEIGHT = 457  GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 1.137    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA         ANONYX SPECIES
NATANTIA           HEPTACARPUS STYLUS                      4      90
                                                           1      10
```

```
#800523010     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 246  MM,     WEIGHT = 205  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.284    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA         ARTHROPODA SPECIES (FRAGMENTS ONLY               90
GAMMARIDEA         PONTOGENEIA INERMIS                      2       10
```

```
#800523013     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH =      MM,     WEIGHT = 230  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.101    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                            1       70
COTTIDAE           COTTID SPECIES                           2       60
NATANTIA           HEPTACARPUS BREVIROSTRIS                 3       30
POLYCHAETA         POLYCHAETA SPECIES                       1       10
                   SABELLIDAE SPECIES                       1       30
```

```
#800527015     GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 410  MM,     WEIGHT = 969  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 14.719   GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                            1        0
BRACHYURA          BRACHYURA SPECIES                        1       50
FISH               FISH SPECIES                             1        0
NATANTIA           NATANTIA SPECIES                         2        0
                   PANDALUS DANAE                           1       50
```

```
#800527016    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 460  MM,     WEIGHT = 1051 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 7.524    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ALGAL SPECIES                              1      10
BRACHYURA       TELMESSUS CHEIRAGONUS                      1      90
NATANTIA        HEPTACARPUS STYLUS                         1       0


#800527018    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = DUVA    POSITION = AT THE SURFACE
    LENGTH = 368  MM,     WEIGHT = 928  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.144    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                          1      50
                PETROLISTHES ERIOMERUS                     1      50


#800530007    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = ON THE BOTTOM
    LENGTH = 350  MM,     WEIGHT = 535  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 13.676   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ALGAL SPECIES                              1      50
NATANTIA        NATANTIA SPECIES                           1       0
POLYCHAETA      POLYCHAETA SPECIES                         1       0
STICHAEIDAE     STICHAEIDAE SPECIES                        2      40
STONES          STONES                                     2      10
```

```
#800608005    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 325  MM,     WEIGHT - 411  GM,     SEX - F
    WEIGHT OF STOMACH CONTENTS - 2.407    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

COTTIDAE        COTTID SPECIES                            1     70
FISH            FISH SPECIES                              1     20
GAMMARIDEA      GAMMARID SPECIES                          1      0
NATANTIA        HEPTACARPUS BREVIROSTRIS                  1      0
                NATANTIA SPECIES                          4     10


#800608010    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 435  MM,     WEIGHT - 1503 GM,     SEX - F
    WEIGHT OF STOMACH CONTENTS - 12.91    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

FISH            FISH SPECIES                              1     20
POLYCHAETA      POLYCHAETA SPECIES                              80


#800608012    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 470  MM,     WEIGHT - 1142 GM,     SEX - M
    WEIGHT OF STOMACH CONTENTS - 17.378   GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------

ISOPODA         IDOTEA OCHOTENSIS                         1     10
                PENTIDOTEA RESECTA                        1     10
POLYCHAETA      POLYCHAETA SPECIES                        3     60
STONES          STONES                                    2     20
```

```
#800609006    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 324  MM,      WEIGHT = 468  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 20.846    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA      AMPHITHOE LINDBERGI                        1       0
POLYCHAETA      NEREIS SPECIES                             7      40
                POLYCHAETA SPECIES                        30      60


#800609007    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 335  MM,      WEIGHT = 363  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.434    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
POLYCHAETA      POLYCHAETA SPECIES                         5     100


#800609008    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 360  MM,      WEIGHT = 637  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.095    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY               100
POLYCHAETA      POLYCHAETA SPECIES                                 0


#800609009    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = PULS    POSITION = ON THE BOTTOM
    LENGTH = 360  MM,      WEIGHT = 646  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 4.063    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       TELMESSUS CHEIRAGONUS                      1      60
NATANTIA        PANDALUS SPECIES                           1      40
```

```
#800610003    GEARTYPE - GILLNET          KELPTYPE - NEREOCYSTIS

    LOCATION - NERH    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 188  MM,     WEIGHT - 86   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.653    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                1      30
GAMMARIDEA      GAMMARID SPECIES                             1       0
POLYCHAETA      POLYCHAETA SPECIES                           1      70


#800612012    GEARTYPE - GILLNET          KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 380  MM,     WEIGHT - 634  GM,     SEX - M
    WEIGHT OF STOMACH CONTENTS - 5.752    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
ISOPODA         PENTIDOTEA RESECTA                          10     100
NATANTIA        NATANTIA SPECIES                             2       0


#800616002    GEARTYPE - BEACH SEINE      KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 34   MM,     WEIGHT -      GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.01     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                         132     100
                SCAPHOCALANUS BREVICORNIS                    6       0
CLADOCERA       EVADNE NORMANI                               2       0
```

```
#800616003    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PARACALANUS PARVIS                          52      50
                 SCAPHOCALANUS BREVICORNIS                    2       0
GAMMARIDEA       AOROIDES COLUMBIAE                           2      25
                 GAMMARID SPECIES                             1       0
                 PARAPLEUSTES PUGETTENSIS                     1       0


#800616004    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PARACALANUS PARVIS                          86      75
                 PSEUDOCALANUS MINUTUS                        2       0
                 SCAPHOCALANUS BREVICORNIS                    9      25
CLADOCERA        PODON POLYPHEMOIDES                          1       0


#800616005    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 37   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PARACALANUS PARVIS                         107     100
                 PSEUDOCALANUS MINUTUS                        8       0
                 SCAPHOCALANUS BREVICORNIS                    6       0
```

```
#800616006     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 38   MM,      WEIGHT -       GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.012    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                       110      50
                   PSEUDOCALANUS MINUTUS                      8       0
                   SCAPHOCALANUS BREVICORNIS                 33      50


#800616007     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 32   MM,      WEIGHT -       GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.007    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                        54      75
                   PSEUDOCALANUS MINUTUS                      5       0
                   SCAPHOCALANUS BREVICORNIS                  1       0
GAMMARIDEA         PARAPLEUSTES PUGETTENSIS                   1      25


#800616008     GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 42   MM,      WEIGHT -       GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.021    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                        61      50
                   SCAPHOCALANUS BREVICORNIS                 10       0
CLADOCERA          PODON POLYPHEMOIDES                        1       0
GAMMARIDEA         AOROIDES COLUMBIAE                         6      50
```

```
#800616009    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 39   MM,     WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.014    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANUS GLACIALIS                            1       0
                PARACALANUS PARVIS                         144     100
                SCAPHOCALANUS BREVICORNIS                   17       0
CUMACEAE        CUMACEAE SPECIES                             1       0


#800616010    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 32   MM,     WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.006    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                          57      75
                SCAPHOCALANUS BREVICORNIS                    1       0
GAMMARIDEA      AOROIDES COLUMBIAE                           2       0
                PARAPLEUSTES PUGETTENSIS                     3       0
HARPACTICOIDA   HARPACTICUS SPECIES                          1       0


#800616011    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 38   MM,     WEIGHT -       GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.015    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                          78      75
                SCAPHOCALANUS BREVICORNIS                    8       0
GAMMARIDEA      AOROIDES COLUMBIAE                           4      25
HARPACTICOIDA   HARPACTICOID SPECIES                        12       0
```

```
#800616012     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                           34      50
                SCAPHOCALANUS BREVICORNIS                    30      50


#800616013     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                           26      50
                SCAPHOCALANUS BREVICORNIS                     1       0
GAMMARIDEA      AOROIDES COLUMBIAE                            1       0
                PARAPLEUSTES PUGETTENSIS                      8      50
HARPACTICOIDA   HARPACTICOID SPECIES                          5       0
                HARPACTICUS SPECIES                           1       0


#800616014     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                           96     100
                SCAPHOCALANUS BREVICORNIS                     8       0
```

```
#800616016    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 40   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                        50      50
                   SCAPHOCALANUS BREVICORNIS                  3       0
GAMMARIDEA         AOROIDES COLUMBIAE                        17      50
HARPACTICOIDA      HARPACTICOID SPECIES                       4       0


#800616017    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 45   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                       126     100
                   SCAPHOCALANUS BREVICORNIS                 18       0
CLADOCERA          PODON POLYPHEMOIDES                        1       0


#800616018    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA          PARACALANUS PARVIS                        67      75
                   SCAPHOCALANUS BREVICORNIS                 20      25
```

```
#800616019    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 37   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                      59      75
                PSEUDOCALANUS MINUTUS                    2       0
                SCAPHOCALANUS BREVICORNIS                2       0
GAMMARIDEA      AOROIDES COLUMBIAE                       4      25


#800616023    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                      67     100
                SCAPHOCALANUS BREVICORNIS                8       0
GAMMARIDEA      AOROIDES COLUMBIAE                       3       0
HARPACTICOIDA   HARPACTICOID SPECIES                    12       0


#800616024    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 36   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA       PARACALANUS PARVIS                      71      75
                SCAPHOCALANUS BREVICORNIS                6       0
CLADOCERA       PODON POLYPHEMOIDES                      1       0
GAMMARIDEA      AOROIDES COLUMBIAE                       5      25
                PONTOGENEIA INERMIS                      1       0
HARPACTICOIDA   HARPACTICOID SPECIES                    11       0
ISOPODA         ISOPODA SPECIES                          1       0
MYSIDACEAE      MYSID SPECIES                            1       0
```

```
#800616053    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 53   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.075    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      ANONYX SPECIES                               5       0
                AOROIDES COLUMBIAE                          28      50
                GAMMARID SPECIES                             4       0
                PARAPLEUSTES PUGETTENSIS                    22      50
                PONTOGENEIA INERMIS                          1       0
                PONTOGENEIA ROSTRATA                         8       0


#800616500    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 43   MM,     WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                             1       0
                CALANOID COPEDID                            18      10
                CALANOID COPEDID                             2       0
                CALANOID SPECIES                            11       0
                CALANOID SPECIES                             2       0
                CALANUS PACIFICUS                            2       0
                MICROCALANUS PYGMAEUS                       22      30
                PARACALANUS PARVIS                          20      30
                PSEUDOCALANUS MINUTUS                       22      30
                PSEUDOCALANUS MINUTUS                        7      10
GAMMARIDEA      GAMMARID SPECIES                             1       0
                GAMMARID SPECIES                             2       0
HARPACTICOIDA   HARPACTICOID SPECIES                       104      30
                HARPACTICOID SPECIES                        71      60
                HARPACTICUS SPECIES                          1       0
                PORCELLIDIUM SARSI                           1       0
```

```
#800616501     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 43   MM,      WEIGHT = 9    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.019    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS                        1       0
CALANOIDA          AETEDIUS ARMATUS                          1       0
                   CALANOID COPEDID                          5      10
                   CALANUS PACIFICUS                         2       0
                   MICROCALANUS PYGMAEUS                     4      10
HARPACTICOIDA      HARPACTICOID SPECIES                     60      80
                   HARPACTICUS SPECIES                       1       0


#800616502     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT = 6    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                            1       0
CALANOIDA          CALANOID COPEDID                          3      10
                   CALANOID SPECIES                          1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     78      90


#800616504     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 35   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                          9      20
                   CALANUS PACIFICUS                         1      10
                   MICROCALANUS PYGMAEUS                     4      10
                   PSEUDOCALANUS MINUTUS                     9      20
HARPACTICOIDA      HARPACTICOID SPECIES                     22      40
```

```
#800616505    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 54   MM,      WEIGHT = 9    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.028    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                             5       5
                   MICROCALANUS PYGMAEUS                        5       5
                   PSEUDOCALANUS MINUTUS                        4       5
FISH               FISH LARVAE                                  1       0
GAMMARIDEA         ISCHYROCERUS ANGUIPES                        1       0
                   PONTOGENEIA INTERMEDIA                      58      50
HARPACTICOIDA      HARPACTICOID SPECIES                        82      30
NATANTIA           NATANTIA ZOEA                                2       5


#800616506    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 45   MM,      WEIGHT = 10   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.012    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                               2       5
CALANOIDA          CALANOID COPEDID                             6       0
                   CALANOID SPECIES                             9       5
                   MICROCALANUS PYGMAEUS                       14      20
                   PSEUDOCALANUS MINUTUS                       30      40
CLADOCERA          PODON POLYPHEMOIDES                          1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        26      20
LARVACEA           OIKOPLEURA DIOICA                            4       5
NATANTIA           NATANTIA ZOEA                                2       5


#800616507    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 35   MM,      WEIGHT = 5    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                             3       0
                   MICROCALANUS PYGMAEUS                        4       5
                   PSEUDOCALANUS MINUTUS                        4       5
GAMMARIDEA         ISCHYROCERUS ANGUIPES                        1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        95      80
                   HARPACTICUS SPECIES                          7      10
```

LARVACEA	OIKOPLEURA DIOICA	3	0

#800616508 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 32 MM, WEIGHT = 4 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.006 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

TAXON	PREYTYPE	NUMBER	VOLUME
CALANOIDA	CALANOID COPEDID	10	5
	CALANUS GLACIALIS	1	10
	CALANUS PACIFICUS	1	0
	MICROCALANUS PYGMAEUS	19	5
	PSEUDOCALANUS MINUTUS	79	70
GAMMARIDEA	ISCHYROCERUS ANGUIPES	1	0
HARPACTICOIDA	HARPACTICOID SPECIES	3	0
NATANTIA	NATANTIA ZOEA	2	10

#800616509 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 39 MM, WEIGHT = 7 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.008 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = D

TAXON	PREYTYPE	NUMBER	VOLUME
CALANOIDA	CALANOID COPEDID	6	5
	MICROCALANUS PYGMAEUS	18	20
	PSEUDOCALANUS MINUTUS	59	50
GAMMARIDEA	PONTOGENEIA INTERMEDIA	1	5
HARPACTICOIDA	HARPACTICOID SPECIES	25	20

#800616510 GEARTYPE = BEACH SEINE KELPTYPE = MACROCYSTIS

LOCATION = DEER POSITION = AT THE SURFACE LANDWARD OF KELP
LENGTH = 35 MM, WEIGHT = 4 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.009 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 75 %, DIGESTION = D

TAXON	PREYTYPE	NUMBER	VOLUME
CALANOIDA	CALANOID COPEDID	48	20
	CALANOID SPECIES	6	0
	MICROCALANUS PYGMAEUS	22	10
	PSEUDOCALANUS MINUTUS	87	60
HARPACTICOIDA	HARPACTICOID SPECIES	33	10
LARVACEA	OIKOPLEURA DIOICA	1	0
NATANTIA	NATANTIA ZOEA	1	0

```
#800616511    GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                            14      10
                   CALANUS PACIFICUS                            4       0
                   MICROCALANUS PYGMAEUS                       27      20
                   PSEUDOCALANUS MINUTUS                       25      40
HARPACTICOIDA      HARPACTICOID SPECIES                        62      30
NATANTIA           NATANTIA ZOEA                                1       0
POLYCHAETA         POLYCHAETA SPECIES                           6       0


#800616512    GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 36   MM,     WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                               1       0
CALANOIDA          CALANOID COPEDID                            14      10
                   CALANOID SPECIES                             4       0
                   MICROCALANUS PYGMAEUS                        3       0
                   PSEUDOCALANUS MINUTUS                       24      30
GAMMARIDEA         GAMMARID SPECIES                             1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        77      40
                   HARPACTICUS SPECIES                          3       0
NATANTIA           NATANTIA ZOEA                                2      10
POLYCHAETA         POLYCHAETA SPECIES                           6      10


#800616513    GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                            1       0
                   MICROCALANUS PYGMAEUS                        2       0
                   PSEUDOCALANUS MINUTUS                        5      10
CIRRIPEDIA         CYPRIS LARVA                                 1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        71      80
POLYCHAETA         POLYCHAETA SPECIES                           4      10
```

```
#800616514    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 44   MM,     WEIGHT = 11   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           1       0
CALANOIDA        CALANOID COPEDID                         2       0
                 MICROCALANUS PYGMAEUS                    4       5
                 PSEUDOCALANUS MINUTUS                    3       5
CLADOCERA        PODON POLYPHEMOIDES                      3       0
HARPACTICOIDA    HARPACTICOID SPECIES                    79      80
                 HARPACTICUS SPECIES                      2       0
NATANTIA         NATANTIA ZOEA                            2      10


#800616515    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,     WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           1       0
CALANOIDA        CALANOID COPEDID                        15       5
                 CALANUS PACIFICUS                        6      20
                 MICROCALANUS PYGMAEUS                   18      10
                 PSEUDOCALANUS MINUTUS                   72      65
GAMMARIDEA       PONTOGENEIA INTERMEDIA                   1       0
HARPACTICOIDA    HARPACTICOID SPECIES                     8       0
ISOPODA          ISOPODA SPECIES                          1       0
NATANTIA         NATANTIA ZOEA                            1       0
POLYCHAETA       POLYCHAETA SPECIES                       2       0


#800616516    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 43   MM,     WEIGHT = 9    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.023    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                           7      10
CALANOIDA        MICROCALANUS PYGMAEUS                   31      20
                 PSEUDOCALANUS MINUTUS                   90      40
CIRRIPEDIA       CYPRIS LARVA                             1       0
GAMMARIDEA       GAMMARID SPECIES                         1       0
HARPACTICOIDA    HARPACTICOID SPECIES                   114      30
```

```
               HARPACTICUS SPECIES                           3       0
NATANTIA       NATANTIA ZOEA                                 2       0
POLYCHAETA     POLYCHAETA SPECIES                            2       0


#800616517   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA      BRACHYURA ZOEA                                8      20
CALANOIDA      CALANOID COPEDID                              1       0
               MICROCALANUS PYGMAEUS                         1       0
               PSEUDOCALANUS MINUTUS                        14      20
CLADOCERA      PODON POLYPHEMOIDES                           3       0
HARPACTICOIDA  HARPACTICOID SPECIES                         86      60
               HARPACTICUS SPECIES                           3       0
POLYCHAETA     POLYCHAETA SPECIES                            1       0


#800616518   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT = 4    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA      CALANOID COPEDID                              8       0
               MICROCALANUS PYGMAEUS                        26      20
               PSEUDOCALANUS MINUTUS                        77      80
HARPACTICOIDA  HARPACTICOID SPECIES                         15       0


#800616519   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT = 4    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON          PREYTYPE                                 NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA      CALANOID COPEDID                             12       5
               CALANUS PACIFICUS                             1       0
               MICROCALANUS PYGMAEUS                        39      15
               PSEUDOCALANUS MINUTUS                        93      80
GAMMARIDEA     PONTOGENEIA INTERMEDIA                        2       0
HARPACTICOIDA  HARPACTICOID SPECIES                         15       0
NATANTIA       NATANTIA ZOEA                                 3       0
POLYCHAETA     POLYCHAETA SPECIES                            1       0
```

```
#800616520    GEARTYPE = BEACH SEINE         KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 36   MM,     WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.032    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           47      10
                 CALANUS PACIFICUS                           3       0
                 MICROCALANUS PYGMAEUS                      36      10
                 PSEUDOCALANUS MINUTUS                     192      50
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       1       0
                 PONTOGENEIA INTERMEDIA                      3       0
HARPACTICOIDA    HARPACTICOID SPECIES                       71      10
NATANTIA         NATANTIA ZOEA                              21      20
POLYCHAETA       POLYCHAETA SPECIES                          1       0


#800616521    GEARTYPE = BEACH SEINE         KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 36   MM,     WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                            5       0
                 CALANUS PACIFICUS                           1       0
                 MICROCALANUS PYGMAEUS                      14      20
                 PSEUDOCALANUS MINUTUS                      31      50
HARPACTICOIDA    HARPACTICOID SPECIES                       22      30
                 HARPACTICUS SPECIES                         1       0
NATANTIA         NATANTIA ZOEA                               1       0
POLYCHAETA       POLYCHAETA SPECIES                          4       0


#800616522    GEARTYPE = BEACH SEINE         KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           11      10
                 MICROCALANUS PYGMAEUS                      10      10
                 PSEUDOCALANUS MINUTUS                       5       5
HARPACTICOIDA    HARPACTICOID SPECIES                       86      75
                 HARPACTICUS SPECIES                         3       0
NATANTIA         NATANTIA ZOEA                               1       0
```

```
POLYCHAETA      POLYCHAETA SPECIES                          3      0


#800616523    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 34   MM,      WEIGHT - 5    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.012    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              7     10
CALANOIDA       CALANOID COPEDID                            1      0
                MICROCALANUS PYGMAEUS                       3      0
                PSEUDOCALANUS MINUTUS                      12     20
CLADOCERA       PODON POLYPHEMOIDES                        15     10
HARPACTICOIDA   HARPACTICOID SPECIES                       52     60
                HARPACTICUS SPECIES                         2      0
NATANTIA        NATANTIA ZOEA                               2      0


#800616524    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 33   MM,      WEIGHT - 4    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.006    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                            6      0
                MICROCALANUS PYGMAEUS                      25     30
                PSEUDOCALANUS MINUTUS                      22     50
HARPACTICOIDA   HARPACTICUS SPECIES                        21     20
ISOPODA         ISOPODA SPECIES                             1      0
POLYCHAETA      POLYCHAETA SPECIES                          4      0


#800616525    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

     LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 42   MM,      WEIGHT - 9    GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.019    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                       3      0
                PSEUDOCALANUS MINUTUS                       5     10
HARPACTICOIDA   HARPACTICOID SPECIES                        3      0
NATANTIA        HEPTACARPUS BREVIROSTRIS                    1     30
                NATANTIA SPECIES                            3     60
```

```
#800616526     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 34   MM,      WEIGHT = 4    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                      3      15
HARPACTICOIDA    HARPACTICOID SPECIES                      18      75
NATANTIA         NATANTIA ZOEA                              1      10


#800616527     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT = 4    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                          20      10
                 CALANOID COPEDID                           7       0
                 CALANUS PACIFICUS                          4       0
                 MICROCALANUS PYGMAEUS                     20      10
                 MONSTRILLA SPECIES                         3       0
                 PSEUDOCALANUS MINUTUS                    132      70
CUMACEAE         MESOLAMPROPS SPECIES                       1       0
HARPACTICOIDA    HARPACTICOID SPECIES                       2       0
POLYCHAETA       POLYCHAETA SPECIES                        22      10


#800616528     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,      WEIGHT = 7    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.018    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                             1       0
CALANOIDA        AETEDIUS ARMATUS                           2       0
                 CALANUS PACIFICUS                          3       0
                 MICROCALANUS PYGMAEUS                      8       0
                 MONSTRILLA SPECIES                         1       0
                 PSEUDOCALANUS MINUTUS                    114     100
GAMMARIDEA       GAMMARID SPECIES                           1       0
HARPACTICOIDA    HARPACTICOID SPECIES                      11       0
NATANTIA         NATANTIA ZOEA                              2       0
POLYCHAETA       POLYCHAETA SPECIES                         5       0
```

```
#800616529     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 32   MM,      WEIGHT - 4    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.01      GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON               PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA           AETEDIUS ARMATUS                           6       0
                    CALANOID COPEDID                           2       0
                    CALANUS PACIFICUS                          1       0
                    PSEUDOCALANUS MINUTUS                     56      70
GAMMARIDEA          GAMMARID SPECIES                           1       0
HARPACTICOIDA       HARPACTICOID SPECIES                      58      30
                    HARPACTICUS SPECIES                        1       0
ISOPODA             ISOPODA SPECIES                            1       0
POLYCHAETA          POLYCHAETA SPECIES                         6       0


#800616530     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 33   MM,      WEIGHT - 4    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.007     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON               PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
CALANOIDA           AETEDIUS ARMATUS                           9       0
                    CALANOID COPEDID                           2       0
                    MICROCALANUS PYGMAEUS                      5       5
                    PSEUDOCALANUS MINUTUS                     61      85
GAMMARIDEA          PONTOGENEIA INTERMEDIA                     1       0
HARPACTICOIDA       HARPACTICOID SPECIES                       9      10
POLYCHAETA          POLYCHAETA SPECIES                         7       0


#800616531     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 37   MM,      WEIGHT - 6    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.017     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON               PREYTYPE                              NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA                             5       5
CALANOIDA           AETEDIUS ARMATUS                           2       0
                    CALANOID COPEDID                           2       0
                    MICROCALANUS PYGMAEUS                      2       0
                    PSEUDOCALANUS MINUTUS                     10      20
GAMMARIDEA          GAMMARID SPECIES                           1       0
HARPACTICOIDA       HARPACTICOID SPECIES                      50      40
```

```
                 HARPACTICUS SPECIES                             1       0
NATANTIA         NATANTIA ZOEA                                   2       5
POLYCHAETA       POLYCHAETA SPECIES                             15      30


#800616532     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 38   MM,     WEIGHT = 7    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                                4       0
                 CALANOID COPEDID                                4       0
                 MICROCALANUS PYGMAEUS                          21      10
                 MONSTRILLA SPECIES                              1       0
                 PSEUDOCALANUS MINUTUS                         100      80
GAMMARIDEA       PONTOGENEIA INTERMEDIA                          3       0
HARPACTICOIDA    HARPACTICOID SPECIES                           21      10


#800616533     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 31   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                                  5      10
CALANOIDA        CALANUS PACIFICUS                               1       0
                 MICROCALANUS PYGMAEUS                          34      30
                 MONSTRILLA SPECIES                              3       0
                 PSEUDOCALANUS MINUTUS                          47      50
GAMMARIDEA       GAMMARID SPECIES                                1       0
HARPACTICOIDA    HARPACTICOID SPECIES                           17      10
POLYCHAETA       POLYCHAETA SPECIES                              2       0


#800616534     GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,     WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.018    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                                1       0
                 CALANOID COPEDID                                3       0
                 MICROCALANUS PYGMAEUS                          76      20
                 PSEUDOCALANUS MINUTUS                         221      80
HARPACTICOIDA    HARPACTICOID SPECIES                           27       0
POLYCHAETA       POLYCHAETA SPECIES                              2       0
```

```
#800616535     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 44   MM,      WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.035     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                          22      20
CALANOIDA          CALANOID COPEDID                         1       0
                   CALANUS PACIFICUS                        4       0
                   MICROCALANUS PYGMAEUS                    6       0
                   PSEUDOCALANUS MINUTUS                   39      50
CIRRIPEDIA         BARNACLE NAUPLII                         1       0
CLADOCERA          PODON POLYPHEMOIDES                      5       0
CUMACEAE           MESOLAMPROPS SPECIES                     1       0
GAMMARIDEA         GAMMARID SPECIES                         2       0
                   PONTOGENEIA INTERMEDIA                   5       0
HARPACTICOIDA      HARPACTICOID SPECIES                    51      10
NATANTIA           NATANTIA ZOEA                            5      20
POLYCHAETA         POLYCHAETA SPECIES                       5       0


#800616536     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 39   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                           9       5
CALANOIDA          PSEUDOCALANUS MINUTUS                    1       0
CIRRIPEDIA         BARNACLE NAUPLII                         3       0
CLADOCERA          PODON POLYPHEMOIDES                      8       0
GAMMARIDEA         PONTOGENEIA INTERMEDIA                   1       0
HARPACTICOIDA      HARPACTICOID SPECIES                   117      90
                   HARPACTICUS SPECIES                      3       0
NATANTIA           NATANTIA ZOEA                            5       5
POLYCHAETA         POLYCHAETA SPECIES                      12       0
```

```
#800616537    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 38   MM,     WEIGHT = 6    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.014    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           7       0
                 MICROCALANUS PYGMAEUS                      1       0
                 PSEUDOCALANUS MINUTUS                     35      50
HARPACTICOIDA    HARPACTICOID SPECIES                      78      50
NATANTIA         NATANTIA ZOEA                              1       0
POLYCHAETA       POLYCHAETA SPECIES                         6       0


#800616538    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 32   MM,     WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                           3      10
                 MICROCALANUS PYGMAEUS                      3      10
                 PSEUDOCALANUS MINUTUS                      7      70
HARPACTICOIDA    HARPACTICOID SPECIES                       4      10
POLYCHAETA       POLYCHAETA SPECIES                         1       0


#800616539    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT = 3    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                          2       0
                 MICROCALANUS PYGMAEUS                      9       0
                 PSEUDOCALANUS MINUTUS                     48      80
HARPACTICOIDA    HARPACTICOID SPECIES                      31      10
NATANTIA         NATANTIA ZOEA                              1       0
POLYCHAETA       POLYCHAETA SPECIES                        11      10
```

```
#800616540    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 42   MM,      WEIGHT - 8    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.018     GM
    FULLNESS OF CARDIAC CHAMBER - 7   %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                            3       0
                PSEUDOCALANUS MINUTUS                       5       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                       2      10
                PONTOGENEIA INTERMEDIA                      1      10
HARPACTICOIDA   HARPACTICOID SPECIES                       61      20
                HARPACTICUS SPECIES                         6       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                    1      60


#800616541    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 33   MM,      WEIGHT - 5    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.017     GM
    FULLNESS OF CARDIAC CHAMBER - 7   %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                          1       5
CALANOIDA       CALANOID SPECIES                            4       0
CIRRIPEDIA      BARNACLE NAUPLII                            1       0
CLADOCERA       PODON POLYPHEMOIDES                         1       0
GAMMARIDEA      AMPHITHOE LINDBERGI                         1       5
                GAMMARID SPECIES                            2      10
                ISCHYROCERUS ANGUIPES                       1       0
HARPACTICOIDA   HARPACTICOID SPECIES                       79      60
MOLLUSCA        GASTROPODA JUVENILE                         1       0
NATANTIA        NATANTIA ZOEA                               3      10
POLYCHAETA      POLYCHAETA SPECIES                         10      10


#800616542    GEARTYPE - BEACH SEINE       KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 41   MM,      WEIGHT - 9    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.022     GM
    FULLNESS OF CARDIAC CHAMBER - 5   %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       AETEDIUS ARMATUS                            3       0
                CALANOID COPEDID                           26       5
                MICROCALANUS PYGMAEUS                      27       5
                MONSTRILLA SPECIES                          1       0
                PSEUDOCALANUS MINUTUS                     123      60
```

```
CLADOCERA        PODON POLYPHEMOIDES                         3       0
GAMMARIDEA       PONTOGENEIA INTERMEDIA                      1       0
HARPACTICOIDA    HARPACTICOID SPECIES                      115      30
NATANTIA         NATANTIA ZOEA                               1       0
POLYCHAETA       POLYCHAETA SPECIES                          3       0


#800616543    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 33   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.017    GM
    FULLNESS OF CARDIAC CHAMBER = 7   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              8      10
CALANOIDA        AETEDIUS ARMATUS                            2       0
                 CALANUS PACIFICUS                           1       0
                 PSEUDOCALANUS MINUTUS                       7       5
GAMMARIDEA       PONTOGENEIA INERMIS                         1       0
                 PONTOGENEIA INTERMEDIA                      1       0
HARPACTICOIDA    HARPACTICOID SPECIES                      110      75
                 HARPACTICUS SPECIES                         3       0
HYPERIDEA        PARATHEMISTO SPECIES                        1       0
NATANTIA         NATANTIA ZOEA                               4       5
POLYCHAETA       POLYCHAETA SPECIES                         11       5


#800616544    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 38   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.013    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                              4       0
CALANOIDA        MICROCALANUS PYGMAEUS                      12       0
                 MONSTRILLA SPECIES                          1       0
                 PSEUDOCALANUS MINUTUS                     112      90
HARPACTICOIDA    HARPACTICOID SPECIES                       29      10
MOLLUSCA         GASTROPODA JUVENILE                         1       0
POLYCHAETA       POLYCHAETA SPECIES                          1       0
```

```
#800616545    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,     WEIGHT = 6    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.021    GM
     FULLNESS OF CARDIAC CHAMBER = 7   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                       11       5
                   CALANUS PACIFICUS                       3       0
                   MICROCALANUS PYGMAEUS                  15       5
                   PSEUDOCALANUS MINUTUS                  88      50
CIRRIPEDIA         BARNACLE NAUPLII                        2       0
CLADOCERA          PODON POLYPHEMOIDES                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                  126      40
                   HARPACTICUS SPECIES                     1       0


#800616546    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 38   MM,     WEIGHT = 6    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.014    GM
     FULLNESS OF CARDIAC CHAMBER = 7   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA          BRACHYURA ZOEA                          4       5
CALANOIDA          CALANOID COPEDID                        1       0
                   CALANUS PACIFICUS                       1       0
                   PSEUDOCALANUS MINUTUS                   7      10
CLADOCERA          PODON POLYPHEMOIDES                     6       0
HARPACTICOIDA      HARPACTICOID SPECIES                   98      80
                   HARPACTICUS SPECIES                     1       0
POLYCHAETA         POLYCHAETA SPECIES                      6       5


#800616547    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 22   MM,     WEIGHT = 1    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 2   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                       14      10
                   CALANOID NAUPLII                      120      70
                   PSEUDOCALANUS MINUTUS                   2      10
CLADOCERA          PODON POLYPHEMOIDES                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                    9      10
```

```
#800616548    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 26   MM,     WEIGHT = 2    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON          PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA      CALANOID COPEDID                      21      20
               CALANOID NAUPLII                     137      30
               MICROCALANUS PYGMAEUS                 10      20
               PSEUDOCALANUS MINUTUS                  2       0
GAMMARIDEA     ISCHYROCERUS ANGUIPES                  1       0
HARPACTICOIDA  HARPACTICOID SPECIES                  40      30
POLYCHAETA     POLYCHAETA SPECIES                     4       0


#800616551    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 30   MM,     WEIGHT = 4    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON          PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA      CALANOID COPEDID                       9       0
               CENTROPHAGES ABDOMINALIS               1       0
               MICROCALANUS PYGMAEUS                 29      30
               PSEUDOCALANUS MINUTUS                 65      70
               SCOLOCITHRICELLA MINOR                 1       0
CLADOCERA      PODON POLYPHEMOIDES                    1       0


#800616552    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 34   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON          PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA      MICROCALANUS PYGMAEUS                  6       0
               PSEUDOCALANUS MINUTUS                 27      20
GAMMARIDEA     GAMMARID SPECIES                       3      20
               ISCHYROCERUS ANGUIPES                  7      50
HARPACTICOIDA  HARPACTICOID SPECIES                  26      10
```

```
#800616553    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 26   MM,      WEIGHT = 2     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001     GM
     FULLNESS OF CARDIAC CHAMBER = 2    %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25   %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                             9      20
                   CALANOID NAUPLII                            80      30
                   MICROCALANUS PYGMAEUS                        7      20
                   PSEUDOCALANUS MINUTUS                        5      20
HARPACTICOIDA      HARPACTICOID SPECIES                         6      10
```

```
#800616554    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 30   MM,      WEIGHT = 3     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 5    %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50   %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                            13      15
                   CALANOID NAUPLII                            48       5
                   MICROCALANUS PYGMAEUS                       19      30
                   PSEUDOCALANUS MINUTUS                       20      40
CLADOCERA          PODON POLYPHEMOIDES                          1       0
HARPACTICOIDA      HARPACTICOID SPECIES                        11      10
```

```
#800616555    GEARTYPE = BEACH SEINE       KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 4     GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.009     GM
     FULLNESS OF CARDIAC CHAMBER = 7    %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75   %,    DIGESTION = D
TAXON              PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID                            10      10
                   CALANOID NAUPLII                            11       0
                   MICROCALANUS PYGMAEUS                        7      10
                   PSEUDOCALANUS MINUTUS                       54      80
GAMMARIDEA         PONTOGENEIA INTERMEDIA                       1       0
HARPACTICOIDA      HARPACTICOID SPECIES                         9       0
POLYCHAETA         POLYCHAETA SPECIES                           1       0
```

```
#800616556   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 30   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.007    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA         CALANOID COPEDID                             9      10
                  CALANOID NAUPLII                             7       0
                  MICROCALANUS PYGMAEUS                       23      30
                  PSEUDOCALANUS MINUTUS                       29      50
CIRRIPEDIA        BARNACLE NAUPLII                             1       0
GAMMARIDEA        ISCHYROCERUS ANGUIPES                        1       0
HARPACTICOIDA     HARPACTICOID SPECIES                        21      10


#800616557   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 27   MM,     WEIGHT = 2    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA         CALANOID COPEDID                             9      10
                  CALANOID NAUPLII                             8       0
                  MICROCALANUS PYGMAEUS                        9      20
                  PSEUDOCALANUS MINUTUS                       17      60
HARPACTICOIDA     HARPACTICOID SPECIES                         5      10


#800616558   GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 35   MM,     WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.006    GM
    FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CALANOIDA         CALANOID COPEDID                            14      15
                  MICROCALANUS PYGMAEUS                       30      20
                  PSEUDOCALANUS MINUTUS                       55      80
HARPACTICOIDA     HARPACTICOID SPECIES                         8       5
```

```
#800616559     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 34   MM,      WEIGHT = 5    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.005    GM
     FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                1       0
CALANOIDA       CALANOID COPEDID                              4       0
                MICROCALANUS PYGMAEUS                         7       5
                PSEUDOCALANUS MINUTUS                        13      30
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         1       5
HARPACTICOIDA   HARPACTICOID SPECIES                         77      60


#800616560     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 33   MM,      WEIGHT = 5    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.008    GM
     FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                                2       0
CALANOIDA       CALANOID COPEDID                              1       0
                MICROCALANUS PYGMAEUS                        30      10
                PSEUDOCALANUS MINUTUS                       102      85
CLADOCERA       PODON POLYPHEMOIDES                           3       0
HARPACTICOIDA   HARPACTICOID SPECIES                         24       5


#800616561     GEARTYPE = BEACH SEINE        KELPTYPE = MACROCYSTIS

     LOCATION = DEER     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 32   MM,      WEIGHT = 4    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007    GM
     FULLNESS OF CARDIAC CHAMBER = 5   %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       CALANOID COPEDID                              2       0
                MICROCALANUS PYGMAEUS                         7       5
                PSEUDOCALANUS MINUTUS                        27      20
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         5      30
                PONTOGENEIA INTERMEDIA                        4      40
HARPACTICOIDA   HARPACTICOID SPECIES                         11       5
ISOPODA         ISOPODA SPECIES                               1       0
```

```
#800616562     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 24   MM,       WEIGHT - 2     GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.003     GM
     FULLNESS OF CARDIAC CHAMBER - 5   %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                            19      10
                 CALANOID NAUPLII                            15       0
                 MICROCALANUS PYGMAEUS                       16      30
                 PSEUDOCALANUS MINUTUS                       32      60
HARPACTICOIDA    HARPACTICOID SPECIES                         9       0


#800616563     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 27   MM,       WEIGHT - 2     GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.005     GM
     FULLNESS OF CARDIAC CHAMBER - 5   %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID COPEDID                            18      10
                 CALANOID NAUPLII                            18       0
                 CALANUS PACIFICUS                            1      10
                 MICROCALANUS PYGMAEUS                       11      10
                 PSEUDOCALANUS MINUTUS                       28      70
CIRRIPEDIA       BARNACLE NAUPLII                             1       0
CLADOCERA        PODON POLYPHEMOIDES                          1       0
HARPACTICOIDA    HARPACTICOID SPECIES                         9       0


#800616564     GEARTYPE - BEACH SEINE        KELPTYPE - MACROCYSTIS

     LOCATION - DEER     POSITION - AT THE SURFACE  LANDWARD OF KELP
     LENGTH - 22   MM,       WEIGHT - 1     GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0         GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,    DIGESTION - D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        MICROCALANUS PYGMAEUS                        6     100
```

```
#800622028    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 248  MM,     WEIGHT = 243  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.435    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                      2       0
                  PONTOGENEIA INERMIS                       78      50
                  PONTOGENEIA INTERMEDIA                     1       0
NATANTIA          HEPTACARPUS BREVIROSTRIS                  11      30
                  HEPTACARPUS CARINATUS                      1       0
                  SPIRONTOCARIS SPECIES                      1      20


#800624008    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 260  MM,     WEIGHT = 251  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.233    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA        ISCHYROCERUS ANGUIPES                      3       0
POLYCHAETA        POLYCHAETA SPECIES                         3     100


#800624010    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 361  MM,     WEIGHT = 822  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 21.987   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
ALGAE             ALGAL SPECIES                              1       0
BRACHYURA         PUGETTIA RICHII                           23      90
FISH              FISH SPECIES                               7       0
NATANTIA          SCLEROCRANGON BOREAS                       2      10
```

```
#800702007     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = ON THE BOTTOM
     LENGTH = 160  MM,      WEIGHT = 52   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.489    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA           BRACHYURA MEGALOPS                   1       0
CUMACEAE            DIASTYLOPSIS SPECIES                 3       0
                    LAMPROPS QUADRIPLICATA               7      10
                    MESOLAMPROPS SPECIES                26      50
FISH                FISH SPECIES                         1      20
GAMMARIDEA          FOXIPHALUS SIMILIS                   1       0
MYSIDACEAE          MYSID SPECIES                        1       0
POLYCHAETA          POLYCHAETA SPECIES                   1      20


#800703008     GEARTYPE = GILLNET            KELPTYPE =

     LOCATION = FHKF    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 200  MM,      WEIGHT = 104  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.247    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
FISH                FISH SPECIES                         1     100


#800703009     GEARTYPE = GILLNET            KELPTYPE =

     LOCATION = FHKF    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 220  MM,      WEIGHT = 207  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 18.254   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
GADIDAE             GADUS MACROCEPHALUS                  8     100
```

```
#800706020    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERH    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 75   MM,      WEIGHT - 6    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.065    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                        5      50
                HYALE FREQUENS                          1      10
                PONTOGENEIA INERMIS                     4      40


#800706021    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERH    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 75   MM,      WEIGHT - 6    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.173    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                       1       0
GAMMARIDEA      AOROIDES COLUMBIAE                      3       5
                ISCHYROCERUS ANGUIPES                   5      10
                MELITA ROSTRATA                         2       5
                PONTOGENEIA INERMIS                    20      80


#800706023    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - NERH    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 70   MM,      WEIGHT - 5    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.045    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - VWD
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
CAPRELLIDEA     CAPRELLIDAE SPECIES                     1       0
GAMMARIDEA      GAMMARID SPECIES                       28      90
                ISCHYROCERUS ANGUIPES                   2      10
```

```
#800706031    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERH    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 400  MM,     WEIGHT = 843  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.496    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                 3     100


#800713001    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 69   MM,     WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.083    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CUMACEAE        LAMPROPS QUADRIPLICATA                       1       5
                MESOLAMPROPS SPECIES                         2       5
GAMMARIDEA      GAMMARID SPECIES                             1       5
                ISCHYROCERUS ANGUIPES                        7      40
                PONTOGENEIA INERMIS                          7      40
MYSIDACEAE      MYSID SPECIES                                1       5


#800713006    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 430  MM,     WEIGHT = 1342 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 23.983   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       HEMIGRAPSUS NUDUS                            1      40
COTTIDAE        COTTID SPECIES                               6      30
NATANTIA        HEPTACARPUS BREVIROSTRIS                     1      10
POLYCHAETA      POLYCHAETA SPECIES                                  20
```

```
#800720005     GEARTYPE = GILLNET              KELPTYPE =

     LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
     LENGTH = 91   MM,     WEIGHT = 9    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.095     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                          NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS                          3      10
GAMMARIDEA         GAMMARID SPECIES                            1       5
NATANTIA           CRANGON SPECIES                             1      60
OSTRACODA          OSTRACODA SPECIES                           2       5
POLYCHAETA         POLYCHAETA SPECIES                          1      20


#800720006     GEARTYPE = GILLNET              KELPTYPE =

     LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
     LENGTH = 75   MM,     WEIGHT = 5    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                          NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                       2     100


#800720007     GEARTYPE = GILLNET              KELPTYPE =

     LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
     LENGTH = 76   MM,     WEIGHT = 5    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.057     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON              PREYTYPE
                                                          NUMBER  VOLUME
-------------------------------------------------------------------------
ARTHROPODA         ARTHROPODA SPECIES (FRAGMENTS ONLY                100
BRACHYURA          BRACHYURA MEGALOPS                          1       0
```

```
#800720008    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 69   MM,      WEIGHT = 5    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.255     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                               4      30
                HYALE GRANDECORNIS                           2      20
                ISCHYROCERUS ANGUIPES                        1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                     2      10
                HEPTACARPUS CARINATUS                        2      40


#800720009    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 74   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.02      GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
CAPRELLIDEA     CAPRELLA LEVIUSCULA                          1      30
POLYCHAETA      POLYCHAETA SPECIES                           1      70


#800720011    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = FHKF    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 222  MM,      WEIGHT = 146  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.496     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
FISH            FISH SPECIES                                 1      40
POLYCHAETA      POLYCHAETA SPECIES                           1      30
STONES          STONES                                       1      30
```

#800720016 GEARTYPE = GILLNET KELPTYPE =

LOCATION = PHKF POSITION = AT THE SURFACE IN THE KELP
LENGTH = 240 MM, WEIGHT = 216 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 10.015 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
AULORHYNCHIDAE	AULORHYNCHUS FLAVIDUS	1	0
BRACHYURA	BRACHYURA MEGALOPS	1	20
	BRACHYURA SPECIES	1	0
FISH	FISH SPECIES	1	50
GAMMARIDEA	AMPHITHOE LINDBERGI	1	0
NATANTIA	CRANGON SPECIES	5	30
	HEPTACARPUS BREVIROSTRIS	2	0
	HEPTACARPUS BREVIROSTRIS	4	0

#800720056 GEARTYPE = GILLNET KELPTYPE = NON KELP

LOCATION = BEAV POSITION = AT THE SURFACE
LENGTH = 253 MM, WEIGHT = 268 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 8.204 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
ISOPODA	PENTIDOTEA RESECTA	12	60
NATANTIA	CRANGON SPECIES	4	20
	HEPTACARPUS STYLUS	4	0
STICHAEIDAE	STICHAEIDAE SPECIES	2	20

#800722021 GEARTYPE = GILLNET KELPTYPE = MACROCYSTIS

LOCATION = AIRM POSITION = AT THE SURFACE SEAWARD OF KELP
LENGTH = 185 MM, WEIGHT = GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.083 GM
FULLNESS OF CARDIAC CHAMBER = 0.1 %, DIGESTION = MD
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
BRACHYURA	BRACHYURA ZOEA	1	20
CAPRELLIDEA	CAPRELLA LEVIUSCULA	1	10
GAMMARIDEA	ISCHYROCERUS ANGUIPES	1	10
	PHOTIS BREVIPES	2	60

```
#800722032     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  IN THE KELP
    LENGTH - 72   MM,     WEIGHT - 6    GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.141    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - D
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
ANOMURA         ANOMURA MEGALOPS                              1       0
CALANOIDA       CALANUS PACIFICUS                             2       0
CAPRELLIDEA     CAPRELLA LEVIUSCULA                           1       0
GAMMARIDEA      AMPELISCA PUGETICA                            1       0
                ANONYX SPECIES                                1       0
                EOHAUSTORIUS WASHINGTONIANUS                 13      30
                HYALE FREQUENS                                2       5
                PONTOGENEIA INERMIS                           2       5
INSECTA         CHIRONOMIDAE LARVAE                           1       0
NATANTIA        NATANTIA SPECIES                              1      20
                NATANTIA ZOEA                                 1       0
```

```
#800722034     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  IN THE KELP
    LENGTH - 81   MM,     WEIGHT - 7    GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.231    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                            1       0
GAMMARIDEA      EOHAUSTORIUS WASHINGTONIANUS                 36      90
```

```
#800722044     GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - AIRM    POSITION - AT THE SURFACE  IN THE KELP
    LENGTH - 175  MM,     WEIGHT - 68   GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 1.182    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
AULORHYNCHIDAE  AULORHYNCHUS FLAVIDUS                         1      80
FISH            FISH SPECIES                                  1       0
GAMMARIDEA      FOXIPHALUS SIMILIS                            3       0
NATANTIA        CRANGON SPECIES                               1      20
                NATANTIA SPECIES                              2       0
```

```
#800722062    GEARTYPE = GILLNET                KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 71   MM,      WEIGHT = 5    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.051    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA           BRACHYURA ZOEA                            2      30
FISH                FISH LARVAE                               2      40
MYSIDACEAE          ACANTHOMYSIS MACROPSIS                    3      30


#800722063    GEARTYPE = GILLNET                KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 89   MM,      WEIGHT = 9    GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.033    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
ANOMURA             ANOMURA MEGALOPS                          1      20
BRACHYURA           BRACHYURA SPECIES                         1      30
                    BRACHYURA ZOEA                            5      50


#800722090    GEARTYPE = GILLNET                KELPTYPE = MACROCYSTIS

     LOCATION = AIRM     POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 215  MM,      WEIGHT = 151  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.409    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
COTTIDAE            COTTID SPECIES                            1      40
NATANTIA            CRANGON SPECIES                           3      60
```

```
#800722091    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 201  MM,      WEIGHT = 109  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 2.129    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
CUMACEAE           CUMACEAE SPECIES                             1       0
MOLLUSCA           GALEOMATACEAE (SUPERFAMILY)                  1       0
NATANTIA           CRANGON SPECIES                             39     100
                   HEPTACARPUS BREVIROSTRIS                     2       0
                   SPIRONTOCARIS SPECIES                        1       0


#800724022    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 75   MM,      WEIGHT = 6    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.071    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
CAPRELLIDEA        CAPRELLIDAE SPECIES                          1       0
GAMMARIDEA         AOROIDES COLUMBIAE                           1       0
                   GAMMARID SPECIES                            10      50
                   PONTOGENEIA INERMIS                         10      50


#800724024    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 350  MM,      WEIGHT = 546  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
```

```
#800727057    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 47   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                         4      10
                   EPILABIDOCERA AMPHITRITES                 1       0
                   MICROCALANUS PYGMAEUS                    67      70
UNIDENTIFIED       UNIDENTIFIED TAXON                                0
                   UNIDENTIFIED TAXON                               10


#800727058    GEARTYPE = PURSE SEINE        KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 40   MM,      WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = VWD
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                         1      10
UNIDENTIFIED       UNIDENTIFIED TAXON                               90


#800727122    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 350  MM,      WEIGHT = 796  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 22.744    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                         6      50
                   PUGETTIA RICHII                           6      50
GAMMARIDEA         AMPHITHOE LACERTOSA                       1       0
```

```
#800727123     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 252  MM,      WEIGHT = 249  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 12.319   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          HYAS LYRATUS                              2      40
COTTIDAE           COTTID SPECIES                            1      40
GAMMARIDEA         ANONYX SPECIES                            2       0
                   HYALE FREQUENS                            1       0
HOLOTHUROIDEA      HOLOTHUROIDEA SPECIES                     1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                  2       5
                   HEPTACARPUS STYLUS                        2       5
                   SCLEROCRANGON BOREAS                      4      10


#800727124     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 281  MM,      WEIGHT = 341  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 8.923    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
FISH               FISH SPECIES                              1       0
GAMMARIDEA         AMPELISCA PUGETICA                        1       0
                   ANONYX SPECIES                            6       0
ISOPODA            PENTIDOTEA RESECTA                        3      30
MYSIDACEAE         MYSID SPECIES                             2       0
NATANTIA           HEPTACARPUS CARINATUS                     1       0
                   SCLEROCRANGON BOREAS                      2      70


#800727131     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 295  MM,      WEIGHT = 415  GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 17.915   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                         2      20
                   HYAS LYRATUS                              3      30
                   PUGETTIA RICHII                           5      40
GAMMARIDEA         AMPHITHOE LACERTOSA                       5      10
                   ANONYX SPECIES                            1       0
                   GAMMARID SPECIES                          1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                  1       0
```

```
#800820004    GEARTYPE = GILLNET           KELPTYPE =

    LOCATION = FHKF    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 99  MM,       WEIGHT = 10  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.056   GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                           2      10
ISOPODA         PENTIDOTEA RESECTA .                          1      10
NATANTIA        NATANTIA SPECIES                              1      80


#800820080    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 230  MM,      WEIGHT = 215  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 3.192    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
ISOPODA         PENTIDOTEA RESECTA                            2      10
MOLLUSCA        LACUNA CARINATA                               1       0
NATANTIA        CRANGON SPECIES                               1       0
                HEPTACARPUS BREVIROSTRIS                      6      90
                HIPPOLYTE CLARKI                              1       0
OSTRACODA       OSTRACODA SPECIES                             1       0


#800820086    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 262  MM,      WEIGHT = 336  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.796    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                         1       0
ISOPODA         PENTIDOTEA RESECTA                            1       0
NATANTIA        CRANGON SPECIES                               1       0
                HEPTACARPUS BREVIROSTRIS                      3      10
                NATANTIA SPECIES                              6      20
                PANDALUS DANAE                                4      60
                SPIRONTOCARIS OCHOTENSIS                      1       0
POLYCHAETA      POLYCHAETA SPECIES                            1      10
```

```
#800820087    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 400  MM,     WEIGHT = 742  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 21.567   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                1      20
ISOPODA         PENTIDOTEA RESECTA                          37      80
MOLLUSCA        MITRELLA CARINATA                            1       0


#800820088    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 450  MM,     WEIGHT = 1297 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 10.095   GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
FISH            FISH SPECIES                                 1      30
ISOPODA         ISOPODA SPECIES                              1       0
                PENTIDOTEA RESECTA                           2      10
NATANTIA        CRANGON SPECIES                              2      20
                HEPTACARPUS BREVIROSTRIS                     2      10
                NATANTIA SPECIES                             1       0
                PANDALUS SPECIES                             2      30


#800823027    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 350  MM,     WEIGHT = 497  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 31.685   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
EMBIOTOCIDAE    CYMATOGASTER AGGREGATA                       1     100
```

```
#800823028    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 242  MM,      WEIGHT = 221  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.369    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
CAPRELLIDEA      CAPRELLA EQUILIBRIA                        1       0
NATANTIA         CRANGON SPECIES                            2     100


#800823029    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 247  MM,      WEIGHT = 219  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.653    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = WD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
NATANTIA         CRANGON SPECIES                            3     100
OSTRACODA        OSTRACODA SPECIES                          1       0


#800823041    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 85   MM,      WEIGHT = 7    GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.19     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                         1       0
CUMACEAE         LAMPROPS QUADRIPLICATA                     3       5
                 MESOLAMPROPS SPECIES                       4       5
GAMMARIDEA       ISCHYROCERUS ANGUIPES                     11      30
                 PHOTIS BREVIPES                            4      10
                 PONTOGENEIA INERMIS                        1       0
                 SYNCHELIDIUM SHOEMAKERI                    1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                   1      20
POLYCHAETA       POLYCHAETA SPECIES                         1      30
```

```
#800825003     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 100  MM,      WEIGHT = 13   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.741    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS                    29      10
CAPRELLIDEA      CAPRELLA EQUILIBRIA                    6       0
                 CAPRELLA LEVIUSCULA                    7       0
                 CAPRELLIDAE SPECIES                    1       0
FORAMINIFERIDIA  ELPHIDIELLA SPECIES                    2       0
GAMMARIDEA       ANONYX SPECIES                         3       0
                 AOROIDES COLUMBIAE                    16      10
                 HYALE FREQUENS                         2       0
                 ISCHYROCERUS ANGUIPES                 51      20
                 LAETMATOPHILUS (PHOTIS) SPECIES        2       0
                 MELITA ROSTRATA                       21      10
                 PHLIANTIDAE SPECIES                    1       0
                 PONTOGENEIA INERMIS                   20      10
                 WESTWOODILLA CAECULA                   2       0
HARPACTICOIDA    HARPACTICOID SPECIES                   1       0
                 PORCELLIDIUM SARSI                     1       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS           1       0
                 ISOPODA SPECIES                        3       0
NATANTIA         HEPTACARPUS BREVIROSTRIS               4       5
                 HEPTACARPUS CARINATUS                  2       0
                 NATANTIA SPECIES                       5       5
                 PANDALUS SPECIES                       5      30


#800825004     GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 83   MM,      WEIGHT = 8    GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.265    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                        18      40
                 ISCHYROCERUS SPECIES                   4       0
ISOPODA          PENTIDOTEA RESECTA                     1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS               9      40
                 HEPTACARPUS CARINATUS                  2      10
                 HEPTACARPUS STYLUS                     1      10
```

```
#800825005    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 81   MM,      WEIGHT - 6    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.005    GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 0.1 %,   DIGESTION - WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA         ARTHROPODA SPECIES (FRAGMENTS ONLY              100


#800825013    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 103  MM,      WEIGHT - 14   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.629    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                          1      10
GAMMARIDEA         HYALE FREQUENS                             2      10
                   ISCHYROCERUS ANGUIPES                      2       0
                   PONTOGENEIA INERMIS                        6      10
                   SYNCHELIDIUM SHOEMAKERI                    2       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                  11      70


#800825014    GEARTYPE - GILLNET            KELPTYPE - MACROCYSTIS

    LOCATION - DEER    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 71   MM,      WEIGHT - 5    GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.057    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CUMACEAE           CUMELLA SPECIES                            1       0
GAMMARIDEA         AMPELISCA PUGETICA                         1       0
                   ANONYX SPECIES                             4      20
                   GAMMARID SPECIES                           9      40
                   ISCHYROCERUS ANGUIPES                      6      20
                   PONTOGENEIA INERMIS                        1       0
HARPACTICOIDA      HARPACTICOID SPECIES                      22      10
NATANTIA           NATANTIA SPECIES                           1      10
OSTRACODA          OSTRACODA SPECIES                          2       0
```

#800828006 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = GRAM POSITION = ON THE BOTTOM IN THE KELP
LENGTH = 425 MM, WEIGHT = 1245 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 9.751 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
		1	50
BRACHYURA	PUGETTIA RICHII	1	50

#800906028 GEARTYPE = GILLNET KELPTYPE = NON KELP

LOCATION = NAIR POSITION = ON THE BOTTOM
LENGTH = 382 MM, WEIGHT = 715 GM, SEX = M
WEIGHT OF STOMACH CONTENTS = 1.653 GM
FULLNESS OF CARDIAC CHAMBER = 25 %, DIGESTION = WD
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
BRACHYURA	PUGETTIA RICHII	1	0
NATANTIA	NATANTIA SPECIES	3	100

#800906037 GEARTYPE = GILLNET KELPTYPE = NON KELP

LOCATION = NAIR POSITION = ON THE BOTTOM
LENGTH = 180 MM, WEIGHT = 81 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.001 GM
FULLNESS OF CARDIAC CHAMBER = 0.1 %, DIGESTION = F
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
GAMMARIDEA	PONTOGENEIA INTERMEDIA	1	100

#800906044 GEARTYPE = GILLNET KELPTYPE = NON KELP

LOCATION = NAIR POSITION = AT THE SURFACE
LENGTH = 370 MM, WEIGHT = 1146 GM, SEX = F
WEIGHT OF STOMACH CONTENTS = 44.448 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
ALGAE	ALGAL SPECIES	1	30
CYCLOPOIDA	CYCLOPODIA SPECIES	1	60
FISH	FISH SPECIES	2	0
MOLLUSCA	LACUNA CARINATA	1	0
NATANTIA	HEPTACARPUS BREVIROSTRIS	1	0
SCORPAENIDAE	SEBASTES SPECIES	1	5

STONES	STONES	3	5

#800908001 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM SEAWARD OF KELP
LENGTH = 212 MM, WEIGHT = 135 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 0.431 GM
FULLNESS OF CARDIAC CHAMBER = 25 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
HOLOTHUROIDEA	CUCUMARIA PSEUDOCURATA	1	50
NATANTIA	HEPTACARPUS BREVIROSTRIS	2	50

#800908004 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM IN THE KELP
LENGTH = 285 MM, WEIGHT = 393 GM, SEX = F
WEIGHT OF STOMACH CONTENTS = 9.683 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
ALGAE	ALGAL SPECIES	1	20
BRACHYURA	BRACHYURA SPECIES	6	60
NATANTIA	HEPTACARPUS STIMPSONI	3	20
	NATANTIA SPECIES	2	0

#800908007 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM SEAWARD OF KELP
LENGTH = 400 MM, WEIGHT = GM, SEX =
WEIGHT OF STOMACH CONTENTS = 4.784 GM
FULLNESS OF CARDIAC CHAMBER = 25 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 25 %, DIGESTION = VWD

TAXON	PREYTYPE	NUMBER	VOLUME
COTTIDAE	COTTID SPECIES	1	20
FISH	FISH SPECIES	5	40
MOLLUSCA	ACILA CASTRENSIS	1	0
NATANTIA	HEPTACARPUS STIMPSONI	4	30
	NATANTIA SPECIES	1	0
	SPIRONTOCARIS OCHOTENSIS	1	10

```
#800908021    GEARTYPE = GILLNET                 KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 136  MM,      WEIGHT = 36   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.845     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
FISH                FISH SPECIES                              2      90
GAMMARIDEA          PARAMOERI MOHRI (UNDESCRIBED)             1       0
                    PONTOGENEIA INERMIS                       1       0
ISOPODA             PENTIDOTEA RESECTA                        1       0
MYSIDACEAE          ACANTHOMYSIS SCULPTA                     19      10
OSTRACODA           OSTRACODA SPECIES                         1       0


#800909006    GEARTYPE = BEACH SEINE             KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 94   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.04      GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = VWD
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA          ARTHROPODA SPECIES (FRAGMENTS ONLY              100


#800909007    GEARTYPE = BEACH SEINE             KELPTYPE = NON KELP

    LOCATION = BEAV     POSITION = AT THE SURFACE
    LENGTH = 105  MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.363     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = WD
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
ISOPODA             ISOPODA SPECIES                           4      25
NATANTIA            HIPPOLYTE CLARKI                          5      75
```

```
#800909008     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 96   MM,     WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.093    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        NATANTIA SPECIES                             2    100


#800909009     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 93   MM,     WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.205    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        HEPTACARPUS BREVIROSTRIS                     1     25
                HIPPOLYTE CLARKI                             1     75
                NATANTIA SPECIES                             4      0


#800909015     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 98   MM,     WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.324    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        HIPPOLYTE CLARKI                             1     50
                NATANTIA SPECIES                             3     50


#800909016     GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 91   MM,     WEIGHT =        GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.269    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        HIPPOLYTE CLARKI                             1     75
                NATANTIA SPECIES                             1     25
```

```
#800911006    GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 430  MM,      WEIGHT = 1441 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0       GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------


#800911018    GEARTYPE = BEACH SEINE          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 95   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.155    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA         AMPHITHOE LINDBERGI                      1       0
                   AOROIDES COLUMBIAE                      33     100
                   PARAPLEUSTES PUGETTENSIS                 4       0
                   SYNCHELIDIUM SHOEMAKERI                  1       0


#800911019    GEARTYPE = BEACH SEINE          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 90   MM,      WEIGHT =      GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.058    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE                              NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANUS PACIFICUS                        2       0
CLADOCERA          PODON POLYPHEMOIDES                      1       0
GAMMARIDEA         GAMMARID SPECIES                         1       0
                   PARAPLEUSTES PUGETTENSIS                 4       0
                   PONTOGENEIA INERMIS                     11       0
HARPACTICOIDA      HARPACTICOID SPECIES                     8       0
HYPERIDEA          PARATHEMISTO SPECIES                     1       0
NATANTIA           NATANTIA SPECIES                         2       0
```

```
#800911020    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 87   MM,      WEIGHT -       GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.142    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      AOROIDES COLUMBIAE                           6       0
                PONTOGENEIA INERMIS                         20      50
                PONTOGENEIA INTERMEDIA                       7       0
MYSIDACEAE      MYSID SPECIES                                8      25
NATANTIA        NATANTIA SPECIES                             4      25


#800911021    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 82   MM,      WEIGHT -       GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.235    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 100 %,   DIGESTION - F
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      AOROIDES COLUMBIAE                           1       0
                PONTOGENEIA INERMIS                          1       0
NATANTIA        HIPPOLYTE CLARKI                             2      25
                HIPPOLYTE SPECIES                            2      75


#800911022    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 78   MM,      WEIGHT -       GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.055    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                          3      25
                PONTOGENEIA INTERMEDIA                       2       0
MYSIDACEAE      MYSID SPECIES                               12      75
```

```
#800911023    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 71   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.04     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA         GAMMARID SPECIES                           12     75
                   PONTOGENEIA INERMIS                         1      0
                   PROTOMEDIA SPECIES                          1      0
MYSIDACEAE         MYSID SPECIES                               2     25


#800911024    GEARTYPE = BEACH SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 80   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.113     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA         AOROIDES COLUMBIAE                          7      0
                   PONTOGENEIA INERMIS                        38     75
                   PONTOGENEIA INTERMEDIA                      9     25
HARPACTICOIDA      HARPACTICOID SPECIES                        6      0
MYSIDACEAE         MYSID SPECIES                               3      0


#800924006    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 150  MM,     WEIGHT = 52    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.205     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA         HYALE FREQUENS                              1    100
```

```
#800929001     GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = ON THE BOTTOM
    LENGTH = 270  MM,      WEIGHT = 410  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 10.906    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = VWD
TAXON            PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------
FISH             FISH SPECIES                                   2      10
MOLLUSCA         LACUNA CARINATA                                1       0
NATANTIA         CRANGON SPECIES                                1       0
                 HEPTACARPUS BREVIROSTRIS                      21      70
STICHAEIDAE      STICHAEIDAE SPECIES                            1      20


#801020035     GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 311  MM,      WEIGHT = 533  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 2.489    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------
FISH             FISH SPECIES                                   1      30
NATANTIA         NATANTIA SPECIES                               3      70


#810123054     GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 380  MM,      WEIGHT = 1181 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 11.473    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON            PREYTYPE                                  NUMBER  VOLUME
---------------------------------------------------------------------------
NATANTIA         CRANGON SPECIES                                2      10
                 PANDALUS PLATYCERUS                            4      60
SCORPAENIDAE     SEBASTES FLAVIDUS                                     30
```

```
#810123093    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 165  MM,     WEIGHT = 41   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.296    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       GAMMARID SPECIES                        1       0
ISOPODA          ISOPODA SPECIES                         1      40
NATANTIA         CRANGON SPECIES                         1      30
                 HEPTACARPUS BREVIROSTRIS                3      30
POLYCHAETA       POLYCHAETA SPECIES                      1       0


#810123094    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 160  MM,     WEIGHT = 37   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.807    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                          2      40
                 PONTOGENEIA INERMIS                     1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                4      60


#810123114    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 157  MM,     WEIGHT = 46   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.365    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       ANONYX SPECIES                          1       0
                 HYALE FREQUENS                          1       0
                 PONTOGENEIA INERMIS                     7      40
NATANTIA         CRANGON SPECIES                         1      50
                 HEPTACARPUS BREVIROSTRIS                1      10
```

```
#810123115    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 350  MM,      WEIGHT = 568  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------


#810123122    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 165  MM,      WEIGHT = 48   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.047    GM
    FULLNESS OF CARDIAC CHAMBER = 6   %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ISOPODA         ISOPODA SPECIES                              1     100


#810123123    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 180  MM,      WEIGHT = 71   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.558    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        CRANGON SPECIES                              3      90
                HEPTACARPUS BREVIROSTRIS                     2      10
POLYCHAETA      POLYCHAETA SPECIES                           1       0


#810123124    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 43   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.156    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                          3       0
                WESTWOODILLA CAECULA                         1       0
MYSIDACEAE      ACANTHOMYSIS PSEUDOMACROPSIS                58      40
NATANTIA        CRANGON SPECIES                              5      50
                SPIRONTOCARIS ARCUATA                        1      10
```

```
#810123129    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 155  MM,      WEIGHT = 50   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.083    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
POLYCHAETA       POLYCHAETA SPECIES                  1     100


#810125033    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 200  MM,      WEIGHT = 107  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 6.869    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA         HEPTACARPUS BREVIROSTRIS           13      50
STICHAEIDAE      STICHAEIDAE SPECIES                 3      50


#810125034    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 190  MM,      WEIGHT = 86   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.556    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
ISOPODA          PENTIDOTEA RESECTA                  1      10
NATANTIA         CRANGON SPECIES                     1       0
                 NATANTIA SPECIES                    1      20
                 PANDALUS DANAE                      1      70


#810125035    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 140  MM,      WEIGHT = 41   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.726    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA       CALLIOPIELLA PRATTI                 2       0
                 PONTOGENEIA INERMIS                 4       0
NATANTIA         HEPTACARPUS BREVIROSTRIS           14     100
```

```
#810125036     GEARTYPE = GILLNET               KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 210  MM,      WEIGHT = 123  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.235     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
ARTHROPODA         ARTHROPODA SPECIES (FRAGMENTS ONLY             100


#810125037     GEARTYPE = GILLNET               KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 170  MM,      WEIGHT = 57   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.839     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA         PONTOGENEIA INERMIS                    13      10
ISOPODA            PENTIDOTEA RESECTA                      2      40
NATANTIA           HEPTACARPUS BREVIROSTRIS               12      50


#810125038     GEARTYPE = GILLNET               KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 175  MM,      WEIGHT = 65   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.859     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA           HEPTACARPUS BREVIROSTRIS               31     100


#810125039     GEARTYPE = GILLNET               KELPTYPE = MACROCYSTIS

     LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 200  MM,      WEIGHT = 100  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 1.361     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA           HEPTACARPUS BREVIROSTRIS                1       0
                   HEPTACARPUS STYLUS                      2      60
                   NATANTIA SPECIES                        1      20
POLYCHAETA         POLYCHAETA SPECIES                      1      20
```

```
#810125040    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 150  MM,      WEIGHT = 42   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.024    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
ARTHROPODA        ARTHROPODA SPECIES (FRAGMENTS ONLY           1     100


#810125041    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 175  MM,      WEIGHT = 68   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 4.325    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA        HYALE FREQUENS                               1      20
                  PONTOGENEIA INERMIS                          2      20
NATANTIA          HEPTACARPUS BREVIROSTRIS                    15      40
STICHAEIDAE       XIPHISTER ATROPURPUREUS                      2      60


#810125042    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 170  MM,      WEIGHT = 50   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.154    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
POLYCHAETA        POLYCHAETA SPECIES                           1     100


#810125048    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = DEER    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 160  MM,      WEIGHT = 55   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.46     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA        CALLIOPIELLA PRATTI                          1       0
                  MELITA ROSTRATA                              1       0
                  PONTOGENEIA INERMIS                          3       0
NATANTIA          HEPTACARPUS BREVIROSTRIS                     2      40
                  NATANTIA SPECIES                             4      60
```

```
#810323169    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 470  MM,     WEIGHT = 1515 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 12.461   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ALGAL SPECIES                              1       0
FISH            FISH SPECIES                               1     100


#810408010    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 440  MM,     WEIGHT = 527  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.586    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               1     100


#810408016    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 220  MM,     WEIGHT = 122  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
NATANTIA        HEPTACARPUS BREVIROSTRIS                   1     100


#810408017    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 210  MM,     WEIGHT = 103  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.31     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                          1      60
GAMMARIDEA      AMPELISCA PUGETICA                         1       0
POLYCHAETA      POLYCHAETA SPECIES                         1      40
```

```
#810408023     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 200  MM,     WEIGHT = 91   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.172   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
GAMMARIDEA      AOROIDES COLUMBIAE                    1       0
                HYALE FREQUENS                        1      10
                PONTOGENEIA INERMIS                   1       0
NATANTIA        CRANGON SPECIES                       2      80
                HEPTACARPUS BREVIROSTRIS              5      10
```

```
#810408024     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 420  MM,     WEIGHT = 774  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 2.464   GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
COTTIDAE        COTTID SPECIES                        1       0
ISOPODA         PENTIDOTEA RESECTA                    1       0
POLYCHAETA      POLYCHAETA SPECIES                    1       0
```

```
#810408027     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 400  MM,     WEIGHT = 750  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 34.167   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                     1       0
COTTIDAE        ASCELICHTHYS RHODORUS                 2      40
CYCLOPTERIDAE   LIPARIS SPECIES                       2      20
FISH            FISH SPECIES                          2       0
NATANTIA        CRANGON SPECIES                       1       5
                HEPTACARPUS BREVIROSTRIS              1      30
                HEPTACARPUS STYLUS                    4       5
```

```
#810408028    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 440  MM,      WEIGHT - 1126 GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 8.589    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
FISH           FISH SPECIES                              3     10
MOLLUSCA       MARGARITES PUPILLIS                       1     10
NATANTIA       CRANGON SPECIES                           2     60
STONES         STONES                                    5     20


#810408029    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 380  MM,      WEIGHT - 794  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 30.625   GM
    FULLNESS OF CARDIAC CHAMBER - 90  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE          ALGAL SPECIES                             3      0
COTTIDAE       ASCELICHTHYS RHODORUS                     2     60
FISH           FISH SPECIES                              2     30
GAMMARIDEA     AMPHITHOE LACERTOSA                       2      0
ISOPODA        ISOPODA SPECIES                           1      0
NATANTIA       CRANGON SPECIES                           2      5
               HEPTACARPUS SPECIES                       1      0
               HEPTACARPUS STIMPSONI                     6      5
               HIPPOLYTE CLARKI                          2      0
STONES         STONES                                    3      0


#810408030    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 470  MM,      WEIGHT - 1151 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 15.9     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE          ALGAL SPECIES                             2      0
BRACHYURA      BRACHYURA SPECIES                         1      5
COTTIDAE       COTTID SPECIES                            1     30
FISH           FISH SPECIES                              4     50
POLYCHAETA     POLYCHAETA SPECIES                        1      5
STICHAEIDAE    STICHAEIDAE SPECIES                       1     10
```

```
#810408031     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 450  MM,      WEIGHT = 1001 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 13.816   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ANOMURA           PAGURIS ALEUTICUS                       1      10
BRACHYURA         BRACHYURA SPECIES                       1       0
FISH              FISH SPECIES                            4      40
HOLOTHUROIDEA     CUCUMARIA MINIATA                       1      20
NATANTIA          NATANTIA SPECIES                        2       0
STONES            STONES                                  7      30


#810408034     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 440  MM,      WEIGHT = 1115 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 35.744   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = WD
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA         CANCER PRODUCTUS                        2      50
FISH              FISH SPECIES                            1      10
GAMMARIDEA        AMPHITHOE LACERTOSA                     1       0
NATANTIA          CRANGON SPECIES                         3      30
                  HEPTACARPUS BREVIROSTRIS                1      10
                  HEPTACARPUS SPECIES                     7       0


#810408041     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 250  MM,      WEIGHT = 181  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.208    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
NATANTIA          HEPTACARPUS BREVIROSTRIS               10      70
POLYCHAETA        POLYCHAETA SPECIES                      1      30
```

```
#810408042    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 225  MM,       WEIGHT = 125  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.37      GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA       GAMMARID SPECIES                            1      30
NATANTIA         CRANGON SPECIES                             4      70


#810408043    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 170  MM,       WEIGHT = 54   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.029     GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA         HEPTACARPUS BREVIROSTRIS                    1     100


#810408044    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 140  MM,       WEIGHT = 45   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.421     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA         HEPTACARPUS BREVIROSTRIS                    1      90
POLYCHAETA       POLYCHAETA SPECIES                          1      10


#810408045    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 470  MM,       WEIGHT = 1568 GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 3.513     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
ISOPODA          ISOPODA SPECIES                             1       0
NATANTIA         PANDALUS SPECIES                            1      20
                 SCLEROCRANGON BOREAS                        1      20
POLYCHAETA       POLYCHAETA SPECIES                          1      60
```

```
#810408046    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 410  MM,       WEIGHT = 863  GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 0.546     GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON               PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
NATANTIA            NATANTIA SPECIES                            2     100


#810408051    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 480  MM,       WEIGHT = 1175 GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 52.968    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON               PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
COTTIDAE            ENOPHRYS BISON                              1      80
NATANTIA            HEPTACARPUS STIMPSONI                               0
POLYCHAETA          POLYCHAETA SPECIES                                 20


#810412180    GEARTYPE = GILLNET                KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 430  MM,       WEIGHT = 1068 GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 16.806    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                               NUMBER  VOLUME
-------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                               2      20
FISH                FISH SPECIES                                2      30
NATANTIA            NATANTIA SPECIES                            2      20
STICHAEIDAE         STICHAEIDAE SPECIES                         1      30
```

```
#810412181     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 350  MM,      WEIGHT = 506  GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 0.992    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CLUPEIDAE         CLUPEID EGGS                              11      60
ISOPODA           IDOTEA OCHOTENSIS                          1       0
                  PENTIDOTEA RESECTA                         2      10
NATANTIA          HEPTACARPUS BREVIROSTRIS                   2      30
POLYCHAETA        GLYCERA SPECIES                            1       0


#810412187     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 450  MM,      WEIGHT = 832  GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.104    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
POLYCHAETA        ETEONE SPECIES                             1      30
                  GLYCERA SPECIES                            1      70


#810412188     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 500  MM,      WEIGHT = 1366 GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 2.058    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,    DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
FISH              FISH SPECIES                               1      10
ISOPODA           ISOPODA SPECIES                            1      10
POLYCHAETA        GLYCERA SPECIES                            1      20
                  POLYCHAETA SPECIES                         4      60
```

```
#810416004     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 365  MM,     WEIGHT = 597  GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 5.983    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
FISH             FISH SPECIES                               4      60
NATANTIA         CRANGON SPECIES                            1      10
                 NATANTIA SPECIES                           3      30


#810416005     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 480  MM,     WEIGHT = 1298 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------


#810416007     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 420  MM,     WEIGHT = 805  GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.528    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON            PREYTYPE                              NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE            ALGAL SPECIES                              1      10
MOLLUSCA         GASTROPODA SPECIES                         1      30
NATANTIA         NATANTIA SPECIES                           1      15
POLYCHAETA       POLYCHAETA SPECIES                         1      15
STONES           STONES                                     1      30
```

```
#810416008    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 480  MM,      WEIGHT = 1280 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.054    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
FISH              FISH SPECIES                                    1      70
NATANTIA          NATANTIA SPECIES                                1      30


#810416024    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 490  MM,      WEIGHT = 1241 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 11.53    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                               1      40
MOLLUSCA          CEPHALAPODA SPECIES                             1      60


#810416041    GEARTYPE = GILLNET              KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 404  MM,      WEIGHT = 1007 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 20.975   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                   NUMBER  VOLUME
---------------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                               1      10
                  CANCER OREGONENSIS                              5      70
                  CANCER PRODUCTUS                                1      10
FISH              FISH SPECIES                                    1      10
MOLLUSCA          MITRELLA CARINATA                               1       0
```

```
#810416045    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM   POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 401  MM,     WEIGHT = 1072 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 4.21     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
COTTIDAE          COTTID SPECIES                      1      10
POLYCHAETA        POLYCHAETA SPECIES                         90


#810416046    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM   POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 400  MM,     WEIGHT = 940  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 5.736    GM
    FULLNESS OF CARDIAC CHAMBER = 20  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA         CANCER OREGONENSIS                  1      10
ISOPODA           PENTIDOTEA RESECTA                  1      10
NATANTIA          HEPTACARPUS BREVIROSTRIS            9      60
POLYCHAETA        CAPITELLA CAPITATA                  1       0
                  POLYCHAETA SPECIES                  2      20


#810416047    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM   POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 400  MM,     WEIGHT = 903  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 16.286   GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
POLYCHAETA        POLYCHAETA SPECIES                        100
STONES            STONES                              1       0
```

```
#810416057     GEARTYPE - GILLNET              KELPTYPE - MACROCYSTIS

     LOCATION - AIRM    POSITION - ON THE BOTTOM   IN THE KELP
     LENGTH - 500  MM,      WEIGHT - 1698 GM,       SEX - F
     WEIGHT OF STOMACH CONTENTS - 9.527    GM
     FULLNESS OF CARDIAC CHAMBER - 20  %,   DIGESTION - WD
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON               PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
                                                               1       0
ALGAE               ALGAL SPECIES                              2      10
CYCLOPTERIDAE       LIPARIS SPECIES                            1      90
POLYCHAETA          POLYCHAETA SPECIES                         1       0


#810416063     GEARTYPE - GILLNET              KELPTYPE - MACROCYSTIS

     LOCATION - AIRM    POSITION - AT THE SURFACE  IN THE KELP
     LENGTH - 170  MM,      WEIGHT - 54   GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.439    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON               PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA          ISCHYROCERUS SPECIES                       3       0
                    PONTOGENEIA INERMIS                        3       0
NATANTIA            HEPTACARPUS BREVIROSTRIS                  15     100


#810418001     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 558  MM,      WEIGHT - 1921 GM,       SEX - F
     WEIGHT OF STOMACH CONTENTS - 14.51    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - WD
     FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - WD
TAXON               PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                              2       0
ANOMURA             ANOMURA SPECIES                            1      20
BRACHYURA           BRACHYURA SPECIES                          2      60
ISOPODA             IDOTEA OCHOTENSIS                          1       0
MOLLUSCA            GASTROPODA SPECIES                         1       0
POLYCHAETA          POLYCHAETA SPECIES                         1      20
```

```
#810418004    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 240  MM,      WEIGHT - 168  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 1.73     GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH                FISH SPECIES
                                                          2     100


#810418007    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 165  MM,      WEIGHT - 30   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.093    GM
     FULLNESS OF CARDIAC CHAMBER - 0.1 %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA          AMPELISCA PUGETICA
TANAIDACEA          TANAIDACEA SPECIES                    1      50
                                                          1      50


#810418008    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 246  MM,      WEIGHT - 179  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 3.274    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA           PUGETTIA RICHII
GAMMARIDEA          AMPELISCA PUGETICA                    1      70
NATANTIA            SCLEROCRANGON BOREAS                  4       0
                                                          1      30


#810418009    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 210  MM,      WEIGHT - 102  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.944    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA           OREGONIA GRACILIS
GAMMARIDEA          AMPELISCA PUGETICA                    1      60
                    AMPHITHOE LACERTOSA                   3      10
                    PONTOGENEIA INERMIS                   1       0
                    PONTOGENEIA INTERMEDIA               11      30
                                                          1       0
```

```
NATANTIA          HEPTACARPUS BREVIROSTRIS                       1       0


#810418012     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM     POSITION - ON THE BOTTOM     SEAWARD OF KELP
    LENGTH - 179  MM,       WEIGHT - 67   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0            GM
    FULLNESS OF CARDIAC CHAMBER - 0    %,    DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0    %,    DIGESTION -
TAXON             PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------


#810418021     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM     POSITION - ON THE BOTTOM     SEAWARD OF KELP
    LENGTH - 248  MM,       WEIGHT - 173  GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 2.806      GM
    FULLNESS OF CARDIAC CHAMBER - 75   %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0    %,    DIGESTION -
TAXON             PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA         PUGETTIA RICHII                                3      70
GAMMARIDEA        AMPELISCA PUGETICA                             2       0
                  CALLIOPIELLA PRATTI                            1       0
                  ISCHYROCERUS ANGUIPES                          3       2
                  MELITA ROSTRATA                                6       5
                  PONTOGENEIA INERMIS                            4       3
                  PONTOGENEIA INTERMEDIA                         1       0
NATANTIA          CRANGON SPECIES                                1      10
STICHAEIDAE       STICHAEIDAE SPECIES                            1      10


#810418030     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM     POSITION - AT THE SURFACE   IN THE KELP
    LENGTH - 170  MM,       WEIGHT - 50   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 0.597      GM
    FULLNESS OF CARDIAC CHAMBER - 75   %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75   %,    DIGESTION - WD
TAXON             PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
ANOMURA           ANOMURA SPECIES                                1      10
GAMMARIDEA        AMPELISCA PUGETICA                             2       5
                  ISCHYROCERUS ANGUIPES                          1       0
                  MELITA ROSTRATA                                2       5
                  PHOTIS BREVIPES                                1       5
                  PONTOGENEIA INERMIS                            2       5
NATANTIA          HEPTACARPUS BREVIROSTRIS                       4      70
```

```
#810418040    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 220  MM,     WEIGHT - 134  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 3.057     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                          1      10
                PETROLISTHES SPECIES                       1      50
GAMMARIDEA      PONTOGENEIA INERMIS                        1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                   1      10
                SPIRONTOCARIS OCHOTENSIS                   2      30


#810418041    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 185  MM,     WEIGHT - 77   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.231     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                         2      30
POLYCHAETA      POLYCHAETA SPECIES                         1      70


#810418042    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KEL
    LENGTH - 420  MM,     WEIGHT - 803  GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 11.618    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
FISH            FISH SPECIES                               4      50
ISOPODA         ISOPODA SPECIES                            1       0
MOLLUSCA        GASTROPODA SPECIES                         1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                   2      10
                NATANTIA SPECIES                           2      10
STICHAEIDAE     STICHAEIDAE SPECIES                        1      20
STONES          STONES                                     3      10
```

```
#810418043    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 185  MM,      WEIGHT = 71   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.654    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                            1      80
GAMMARIDEA        PONTOGENEIA INTERMEDIA                       3      10
ISOPODA           PENTIDOTEA RESECTA                           1      10


#810421001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 530  MM,      WEIGHT = 2342 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------


#810421002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 534  MM,      WEIGHT = 2308 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------


#810421003    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 466  MM,      WEIGHT = 1261 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 16.591   GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                                NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                            1      40
FISH              FISH SPECIES                                 1      60
```

```
#810421004     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 498  MM,      WEIGHT = 1366 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0           GM
     FULLNESS OF CARDIAC CHAMBER = 0    %,    DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0    %,    DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------


#810421005     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 504  MM,      WEIGHT = 1402 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 11.406   GM
     FULLNESS OF CARDIAC CHAMBER = 50   %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0    %,    DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        CANCER PRODUCTUS                           1     100


#810421006     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 436  MM,      WEIGHT = 948  GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0.29      GM
     FULLNESS OF CARDIAC CHAMBER = 6    %,    DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0    %,    DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
MOLLUSCA         MITRELLA CARINATA                          1     100


#810421020     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 240  MM,      WEIGHT = 133  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.169     GM
     FULLNESS OF CARDIAC CHAMBER = 25   %,    DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0    %,    DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
FISH             FISH SPECIES                               1      90
GAMMARIDEA       PHOTIS BREVIPES                            1       5
POLYCHAETA       POLYCHAETA SPECIES                         1       5
```

```
#810502003     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
    LENGTH = 470  MM,      WEIGHT = 1287 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 19.631    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                   2      10
CYCLOPTERIDAE    LIPARIS SPECIES                                 1      40
FISH             FISH SPECIES                                    1      20
MOLLUSCA         MARGARITES PUPILLIS                             1       5
POLYCHAETA       POLYCHAETA SPECIES                              2      10
STONES           STONES                                          8      15
```

```
#810502004     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
    LENGTH = 450  MM,      WEIGHT = 1017 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.709    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                               1      50
NATANTIA         NATANTIA SPECIES                                1       0
POLYCHAETA       POLYCHAETA SPECIES                              1      50
```

```
#810502005     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
    LENGTH = 500  MM,      WEIGHT = 1456 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 42.068    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON            PREYTYPE                                   NUMBER  VOLUME
--------------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                   2       0
BRACHYURA        BRACHYURA SPECIES                               1      10
FISH             FISH SPECIES                                    2      70
ISOPODA          PENTIDOTEA RESECTA                              1       0
POLYCHAETA       POLYCHAETA SPECIES                              2      10
STONES           STONES                                          2      10
```

```
#810502006    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 590  MM,      WEIGHT = 2181 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 39.557   GM
    FULLNESS OF CARDIAC CHAMBER = 70  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ANOMURA         LOPHOLITHODES MANDTII                   1      70
FISH            FISH SPECIES                            1      30
STONES          STONES                                  1       0


#810502007    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 490  MM,      WEIGHT = 1419 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 28.512   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                      12      60
ISOPODA         PENTIDOTEA RESECTA                      3       0
MOLLUSCA        MOLLUSCA SPECIES                        1      40
NATANTIA        NATANTIA SPECIES                        1       0


#810502010    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 165  MM,      WEIGHT = 37   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.067    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                      5       0
                CALLIOPIELLA PRATTI                     4       0
                ISCHYROCERUS SPECIES                   41      20
                MELITA ROSTRATA                         3       0
                PONTOGENEIA INERMIS                   100      60
                PONTOGENEIA INTERMEDIA                  4       0
ISOPODA         ISOPODA SPECIES                         1       0
                PENTIDOTEA RESECTA                      1      10
OSTRACODA       OSTRACODA SPECIES                       1       0
POLYCHAETA      POLYCHAETA SPECIES                      2      10
TANAIDACEA      LEPTOCHELIA SAVIENYI                    1       0
                TANAIDACEA SPECIES                      1       0
```

```
#810502011    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 27   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.264    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                          4      10
                ANONYX SPECIES                              1       0
                ISCHYROCERUS SPECIES                       11      40
                MELITA ROSTRATA                             4      10
                PONTOGENEIA INERMIS                         6      30
                PONTOGENEIA INTERMEDIA                      1       0
ISOPODA         IANIROPSIS KINCAIDI                         1       0
POLYCHAETA      POLYCHAETA SPECIES                          1      10


#810502012    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 165  MM,      WEIGHT = 43   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.209    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS SPECIES                        8      30
                PONTOGENEIA INERMIS                        17      50
NATANTIA        NATANTIA SPECIES                            1       0
POLYCHAETA      POLYCHAETA SPECIES                          1      20


#810502013    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 210  MM,      WEIGHT = 84   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.167    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
----------------------------------------------------------------------
NATANTIA        CRANGON SPECIES                             2     100
```

```
#810502014      GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 210  MM,      WEIGHT = 98   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.441     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
FISH               FISH SPECIES                              1      60
GAMMARIDEA         AMPELISCA PUGETICA                        2       0
                   PONTOGENEIA INERMIS                       1       0
ISOPODA            PENTIDOTEA RESECTA                        1      10
NATANTIA           CRANGON SPECIES                           1      30


#810502015      GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 170  MM,      WEIGHT = 52   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.397     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                        5      20
                   HYALE FREQUENS                            1      70
                   PONTOGENEIA INERMIS                       3      10


#810502016      GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 225  MM,      WEIGHT = 122  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 6.121     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          PUGETTIA RICHII                           1      10
STICHAEIDAE        XIPHISTER ATROPURPUREUS                   1      90
```

```
#810502017     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 245  MM,        WEIGHT = 133  GM,         SEX =
     WEIGHT OF STOMACH CONTENTS = 1.52        GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA         GAMMARID SPECIES                          2       0
NATANTIA           SPIRONTOCARIS OCHOTENSIS                  1      20
STICHAEIDAE        STICHAEIDAE SPECIES                       1      70
STONES             STONES                                    1      10


#810502018     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 200  MM,        WEIGHT = 97   GM,         SEX =
     WEIGHT OF STOMACH CONTENTS = 1.239       GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                        1       0
ISOPODA            PENTIDOTEA RESECTA                        1      10
POLYCHAETA         POLYCHAETA SPECIES                        7      90


#810502019     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 330  MM,        WEIGHT = 416  GM,         SEX = M
     WEIGHT OF STOMACH CONTENTS = 10.017      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = WD
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             1      10
BRACHYURA          CANCER OREGONENSIS                        1      20
                   LOPHOPANOPEUS BELLUS                      1      40
FISH               FISH SPECIES                              1      10
NATANTIA           CRANGON SPECIES                           2      10
POLYCHAETA         POLYCHAETA SPECIES                        2      10
TANAIDACEA         LEPTOCHELIA SAVIENYI                      1       0
```

```
#810502020    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 230  MM,     WEIGHT = 115  GM,        SEX =
    WEIGHT OF STOMACH CONTENTS = 1.67     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA         PONTOGENEIA INERMIS                   7     10
                   PONTOGENEIA INTERMEDIA                1      0
HOLOTHUROIDEA      CUCUMARIA PSEUDOCURATA                3     40
ISOPODA            PENTIDOTEA RESECTA                    1     40
NATANTIA           NATANTIA SPECIES                      1     10
```

```
#810502021    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 230  MM,     WEIGHT = 137  GM,        SEX =
    WEIGHT OF STOMACH CONTENTS = 1.942    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
FISH               FISH SPECIES                          1     90
POLYCHAETA         POLYCHAETA SPECIES                    1     10
```

```
#810502022    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 350  MM,     WEIGHT = 341  GM,        SEX = M
    WEIGHT OF STOMACH CONTENTS = 2.443    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
POLYCHAETA         GLYCERA SPECIES                       2     30
                   ONUPHIS SPECIES                       2     30
                   POLYCHAETA SPECIES                    3     40
```

```
#810502023    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 255  MM,      WEIGHT - 173  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.445    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS SPECIES                 2       0
                   MELITA ROSTRATA                      3       0
                   PONTOGENEIA INERMIS                 24      80
NATANTIA           HIPPOLYTE CLARKI                     1       0
POLYCHAETA         POLYCHAETA SPECIES                   1      20


#810502063    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

     LOCATION - NERC    POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 190  MM,      WEIGHT - 58   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 1.426    GM
     FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                  88      70
                   ANONYX SPECIES                       1       0
                   ISCHYROCERUS ANGUIPES                6       5
                   PHOTIS BREVIPES                      1       0
                   PONTOGENEIA INERMIS                  5       5
                   PONTOGENEIA INTERMEDIA               2       0
POLYCHAETA         POLYCHAETA SPECIES                   2      20


#810502068    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

     LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 180  MM,      WEIGHT - 60   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 2.435    GM
     FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                   1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS             3      10
STICHAEIDAE        STICHAEIDAE SPECIES                  1      90
```

```
#810502069    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 220  MM,      WEIGHT - 97   GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 3.36     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       AMPELISCA PUGETICA                      17      10
                 ANONYX SPECIES                           2       0
                 PHOTIS BREVIPES                          1       0
                 PONTOGENEIA INERMIS                      5       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS             1       0
                 PENTIDOTEA RESECTA                       3      10
NATANTIA         CRANGON SPECIES                          2      10
                 HEPTACARPUS BREVIROSTRIS                 2      60
NEBALIACEA       NEBALIA BIPES                            1       0
POLYCHAETA       POLYCHAETA SPECIES                       1      10


#810502070    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 410  MM,      WEIGHT - 797  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 4.333    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
COTTIDAE         COTTID SPECIES                           1     100


#810502071    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 380  MM,      WEIGHT - 651  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 10.13    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
FISH             FISH SPECIES                             7      70
GAMMARIDEA       ANONYX SPECIES                           1       0
ISOPODA          GNORIMOSPHAEROMA OREGONENSIS             1       0
MOLLUSCA         MARGARITES PUPILLIS                      1       0
STONES           STONES                                  11      30
```

```
#810503001    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  IN THE KELP
    LENGTH - 445  MM,     WEIGHT - 1118 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#810505003    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 500  MM,     WEIGHT - 1388 GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 10.901   GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
FISH            FISH SPECIES                                  1       0
ISOPODA         AEGA SPECIES                                  1       0
MOLLUSCA        CARDITA VENTRICOSA                            1       0
NATANTIA        CRANGON SPECIES                               1       0
                SPIRONTOCARIS OCHOTENSIS                      1       0
POLYCHAETA      POLYCHAETA SPECIES                           30     100


#810505005    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 420  MM,     WEIGHT - 864  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0.859    GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
ISOPODA         ISOPODA SPECIES                               1      70
NATANTIA        CRANGON SPECIES                               1      30
```

```
#810505006    GEARTYPE = GILLNET             KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 420  MM,     WEIGHT = 942  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 3.17      GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
CALLIANASSIDAE   CALLIANASSA CALIFORNIENSIS               1       0
FISH       .     FISH SPECIES                             1       5
GAMMARIDEA       GAMMARID SPECIES                         2       0
POLYCHAETA       GLYCERA SPECIES                          1       5
                 NEREIS SPECIES                           1       0
                 ONUPHIS SPECIES                          5      20
                 POLYCHAETA SPECIES                      30      70


#810505007    GEARTYPE = GILLNET             KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 465  MM,     WEIGHT = 1235 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.097     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
POLYCHAETA     · POLYCHAETA SPECIES                      11     100


#810505008    GEARTYPE = GILLNET             KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 450  MM,     WEIGHT = 1029 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.212     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
NATANTIA         HEPTACARPUS STYLUS                       1      30
POLYCHAETA       ONUPHIS SPECIES                         23      70
```

```
#810505009     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 470  MM,     WEIGHT = 1591 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 3.416    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES                        1       0
BRACHYURA        BRACHYURA SPECIES                    1      20
GAMMARIDEA       MELITA ROSTRATA                      2       0
ISOPODA          ISOPODA SPECIES                      1       0
                 PENTIDOTEA RESECTA                   1      10
NATANTIA         NATANTIA SPECIES                     3      20
                 SCLEROCRANGON BOREAS                 1      10
POLYCHAETA       POLYCHAETA SPECIES                   3      40


#810505010     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 460  MM,     WEIGHT = 1347 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 16.579   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES                        1      80
ANOMURA          PAGURUS SPECIES                      2       0
BRACHYURA        BRACHYURA SPECIES                    5      20


#810505011     GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 450  MM,     WEIGHT = 1208 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 28.2     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                 NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH SPECIES                         5      70
NATANTIA         CRANGON SPECIES                     13      30
                 HEPTACARPUS BREVIROSTRIS             1       0
```

```
#810505012    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 375  MM,       WEIGHT - 749  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 2.889     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
ANOMURA         PAGURUS SPECIES                          1      20
NATANTIA        CRANGON SPECIES                          1      10
                HEPTACARPUS BREVIROSTRIS                 1      10
                NATANTIA SPECIES                        10      60


#810505013    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 410  MM,      WEIGHT - 730  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 2.781     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CLUPEIDAE       CLUPEID EGGS                                    20
ISOPODA         PENTIDOTEA RESECTA                       1      10
NATANTIA        CRANGON SPECIES                          1      40
                NATANTIA SPECIES                         1      30


#810505017    GEARTYPE - GILLNET            KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 445  MM,      WEIGHT - 965  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 10.462   GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
FISH            FISH SPECIES                             1     100
```

```
#810505018    GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 472  MM,     WEIGHT = 1222 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 10.433   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       CANCER PRODUCTUS                       12      90
FISH            FISH SPECIES                            2      10
ISOPODA         PENTIDOTEA RESECTA                      1       0


#810505019    GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 543  MM,     WEIGHT = 1808 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 0          GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------



#810505021    GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 565  MM,     WEIGHT = 1354 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 29.946   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE           ALGAL SPECIES                           1       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                 1      70
MOLLUSCA        PELECYPODA SPECIES                      1      30


#810505022    GEARTYPE = GILLNET            KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 487  MM,     WEIGHT = 1176 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 2.479    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                        1       0
MOLLUSCA        LACUNA CARINATA                         1       0
POLYCHAETA      ONUPHIS SPECIES                         2      40
                POLYCHAETA SPECIES                      8      60
```

```
#810505024    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 513  MM,     WEIGHT = 1516 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.367    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
CLUPEIDAE       CLUPEID EGGS                                           30
FISH            FISH SPECIES                                    1      60
NATANTIA        CRANGON SPECIES                                 1      10


#810505026    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 440  MM,     WEIGHT = 888  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.912    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                   1       0
BRACHYURA       BRACHYURA SPECIES                               1      10
ISOPODA         PENTIDOTEA RESECTA                              1       0
POLYCHAETA      POLYCHAETA SPECIES                              6      90
STONES          STONES                                          1       0


#810505027    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 540  MM,     WEIGHT = 1588 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 22.989   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                   1       0
CLUPEIDAE       CLUPEA HARENGUS PALLASI                         1      70
POLYCHAETA      POLYCHAETA SPECIES                                     30
STONES          STONES                                          1       0
```

```
#810505028    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 409  MM,     WEIGHT = 756  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 4.038    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE            ALGAL SPECIES                           2      50
CLUPEIDAE        CLUPEID EGGS                                   40
MOLLUSCA         CEPHALASPIDEA SPECIES                   1      10


#810506002    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 490  MM,     WEIGHT = 1045 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 24.93    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA        CANCER BRANNERI                         1      20
COTTIDAE         COTTID SPECIES                          8      60
NATANTIA         SCLEROCRANGON BOREAS                    1      20


#810506003    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 450  MM,     WEIGHT = 925  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.145    GM
    FULLNESS OF CARDIAC CHAMBER =     %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER =     %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE            ALGAL SPECIES                           1       0
FISH             FISH SPECIES                            1      40
ISOPODA          PENTIDOTEA RESECTA                      3      20
MOLLUSCA         LITTORINA SCUTULATA                     1       0
NATANTIA         HIPPOLYTE CLARKI                        1       0
POLYCHAETA       POLYCHAETA SPECIES                      6      40
```

```
#810506004     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 470  MM,      WEIGHT = 870  GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 1.125    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA        HEPTACARPUS BREVIROSTRIS               1     100


#810506005     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 470  MM,      WEIGHT = 919  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 2.78     GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = F
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA        CRANGON SPECIES
STONES          STONES                                 1      50
                                                       1      50


#810506007     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 510  MM,      WEIGHT = 1260 GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.556    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
NATANTIA        NATANTIA SPECIES
POLYCHAETA      NEREIS SPECIES                         1      40
                                                       2      60


#810506009     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 400  MM,      WEIGHT = 767  GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 18.181   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE           ALGAL SPECIES
BRACHYURA       CANCER OREGONENSIS                     1       0
                PUGETTIA RICHII                        1      10
                TELMESSUS CHEIRAGONUS                  1      10
FISH            FISH SPECIES                           1      10
GAMMARIDEA      AMPHITHOR SPECIES                      3      10
                                                       3       0
```

```
MOLLUSCA        MOLLUSCA SPECIES                            1      0
NATANTIA        CRANGON SPECIES                             2     20
                HEPTACARPUS SPECIES                         1     10
                SCLEROCRANGON BOREAS                        1     30


#810506020    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 195  MM,      WEIGHT = 95   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.55     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                           1     40
GAMMARIDEA      CALLIOPIELLA PRATTI                         3     10
                PONTOGENEIA INERMIS                         2      0
ISOPODA         PENTIDOTEA RESECTA                          2     10
NATANTIA        HEPTACARPUS BREVIROSTRIS                    4     40


#810506048    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 155  MM,      WEIGHT = 38   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.519    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                          3     10
                CALLIOPIELLA PRATTI                         3      5
                GAMMARID SPECIES                            1      0
                ISCHYROCERUS ANGUIPES                       3      5
                PONTOGENEIA INERMIS                        14     40
NATANTIA        HEPTACARPUS STIMPSONI                       1     40


#810506049    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 180  MM,      WEIGHT = 66   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.16     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA      AMPELISCA PUGETICA                          5     80
                PONTOGENEIA INERMIS                         1     10
POLYCHAETA      POLYCHAETA SPECIES                          1     10
```

```
#810506050    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 155  MM,      WEIGHT = 35   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.275    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA         CALLIOPIELLA PRATTI                     5      25
                   ISCHYROCERUS SPECIES                    1       0
                   PONTOGENEIA INERMIS                     9      45
POLYCHAETA         POLYCHAETA SPECIES                      2      30


#810506051    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 400  MM,      WEIGHT = 788  GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 16.24    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
COTTIDAE           COTTID SPECIES                          3     100


#810506052    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 430  MM,      WEIGHT = 1007 GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 0.862    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
POLYCHAETA         NEREIS SPECIES                          1     100


#810506053    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 390  MM,      WEIGHT = 780  GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 3.12     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                           1      10
FISH               FISH SPECIES                            1      30
GAMMARIDEA         AMPELISCA PUGETICA                      1       0
POLYCHAETA         POLYCHAETA SPECIES                      2      60
```

```
#810506054    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 410  MM,     WEIGHT = 781  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------


#810506055    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 440  MM,     WEIGHT = 703  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 6.899    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                        1      60
ISOPODA           PENTIDOTEA RESECTA                       3      10
NATANTIA          HEPTACARPUS BREVIROSTRIS                 1       0
                  SCLEROCRANGON BOREAS                     1      30


#810511002    GEARTYPE = GILLNET            KELPTYPE =

     LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 185  MM,     WEIGHT = 60   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.571    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE                              NUMBER  VOLUME
----------------------------------------------------------------------
CUMACEAE          LAMPROPS QUADRIPLICATA                   1       0
GAMMARIDEA        AMPELISCA PUGETICA                       1       0
                  FOXIPHALUS SIMILIS                       4      20
                  ISCHYROCERUS ANGUIPES                    5      20
                  PHOTIS BREVIPES                          7      20
                  PLEUSIRUS SECORRUS                       1       0
                  PONTOGENEIA INERMIS                      5      20
MYSIDACEAE        ACANTHOMYSIS DAVISI                      1       0
NATANTIA          NATANTIA SPECIES                         1       0
POLYCHAETA        POLYCHAETA SPECIES                       1      20
```

```
#810512001     GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 450  MM,     WEIGHT = 1173 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 8.493    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE            ALGAL SPECIES                          1      30
BRACHYURA        CANCER OREGONENSIS                     2      50
                 CANCER PRODUCTUS                       1      20
ISOPODA          PENTIDOTEA RESECTA                     1       0


#810512044     GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 420  MM,     WEIGHT = 908  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 16.596   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                      2      20
                 CANCER OREGONENSIS                     8      50
                 CANCER PRODUCTUS                       1      10
ISOPODA          PENTIDOTEA RESECTA                     3       0
MOLLUSCA         CEPHALASPIDEA SPECIES                  1       0
                 GASTROPODA SPECIES                     3       0
NATANTIA         CRANGON SPECIES                        1       0
PLEURONECTIDAE   PLEURONECTIDAE SPECIES                 1      20


#810512061     GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 200  MM,     WEIGHT = 81   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.581    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
CAPRELLIDEA      CAPRELLA EQUILIBRIA                    7       5
                 CAPRELLA LEVIUSCULA                    6       5
CUMACEAE         LAMPROPS QUADRIPLICATA                 2       0
GAMMARIDEA       HYALE FREQUENS                         1       0
                 ISCHYROCERUS ANGUIPES                  5       0
                 PONTOGENEIA INERMIS                   20      10
                 PONTOGENEIA INTERMEDIA                 1       0
ISOPODA          PENTIDOTEA RESECTA                     2      10
NATANTIA         CRANGON SPECIES                        5      20
                 HEPTACARPUS BREVIROSTRIS              10      50
NEBALIACEA       NEBALIA BIPES                          1       0
```

```
#810513002    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 538  MM,     WEIGHT = 1960 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 21.161   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE             ALGAL SPECIES                          2       0
BRACHYURA         BRACHYURA SPECIES                      1       0
                  CANCER OREGONENSIS                     1      40
                  TELMESSUS CHEIRAGONUS                  1      50
FISH              FISH SPECIES                           1       0
STICHAEIDAE       STICHAEIDAE SPECIES                    1      10
```

```
#810518001    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 450  MM,     WEIGHT = 1119 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
```

```
#810518002    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 515  MM,     WEIGHT = 1339 GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 9.438    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE             ALGAL SPECIES                          2       0
BRACHYURA         PUGETTIA RICHII                        7      70
FISH              FISH SPECIES                           1      10
ISOPODA           PENTIDOTEA RESECTA                     2      10
POLYCHAETA        POLYCHAETA SPECIES                     1      10
STONES            STONES                                 1       0
```

```
#810518003    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 525  MM,     WEIGHT = 1576 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 17.533   GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE           ALGAL SPECIES                         1       0
BRACHYURA       PUGETTIA RICHII                       5     100


#810518005    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 425  MM,     WEIGHT = 1072 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 11.787   GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE           ALGAL SPECIES                         1       0
BRACHYURA       PUGETTIA RICHII                       3      60
CALLIANASSIDAE  UPOGEBIA PUGETTIA                     1      40


#810518006    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 445  MM,     WEIGHT = 1095 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.21     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                 NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE           ALGAL SPECIES                         2       0
ANOMURA         ANOMURA SPECIES                       1      50
BRACHYURA       BRACHYURA SPECIES                     1      40
ISOPODA         ISOPODA SPECIES                       1      10
```

```
#810518007    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 375  MM,     WEIGHT = 493  GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 8.957    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
ALGAE              ALGAL SPECIES                        2       0
CIRRIPEDIA         BALANUS SPECIES                      1       0
ISOPODA            ISOPODA SPECIES                      1       0
NATANTIA           HEPTACARPUS SPECIES                  2      10
                   SCLEROCRANGON BOREAS                 1      60
STICHAEIDAE        STICHAEIDAE SPECIES                  1      30
STONES             STONES                               2       0


#810518016    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
     LENGTH = 200  MM,     WEIGHT = 101  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 1.183    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                    1      90
ISOPODA            ISOPODA SPECIES                      1      10


#810518020    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 155  MM,     WEIGHT = 39   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.244    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA         ANONYX SPECIES                       5     100
```

```
#810518024    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM  SEAWARD OF KELP
    LENGTH = 175  MM,     WEIGHT = 51   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.118     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA         PONTOGENEIA INERMIS                      1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                 2.    100


#810521063    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 335  MM,     WEIGHT = 445  GM,       SEX = M
    WEIGHT OF STOMACH CONTENTS = 3.98      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          CANCER PRODUCTUS                         4      60
FISH               FISH SPECIES                             1       0
MOLLUSCA           MITRELLA CARINATA                        1       0
                   PELECYPODA SPECIES                       1       0
NATANTIA           CRANGON SPECIES                          1      40
                   NATANTIA SPECIES                         1       0


#810522020    GEARTYPE = BEACH SEINE          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 17   MM,     WEIGHT =      GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE                             NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                    6      90
HARPACTICOIDA      HARPACTICOID SPECIES                     2      10
```

```
#810522021    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 25   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                      11     100


#810522022    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 20   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        MICROCALANUS PYGMAEUS                       3      10
                 PSEUDOCALANUS MINUTUS                      13      80
HARPACTICOIDA    HARPACTICOID SPECIES                        4      10


#810522023    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 20   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.003    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                      46     100


#810522024    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 25   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                       9     100
```

```
#810522025     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 22   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                     1       5
                 METRIDIA PACIFICA                     1       5
                 PSEUDOCALANUS MINUTUS                 6      30
HARPACTICOIDA    HARPACTICOID SPECIES                 12      60


#810522026     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 25   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
HARPACTICOIDA    HARPACTICOID SPECIES                  1     100


#810522027     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        MICROCALANUS PYGMAEUS                13     100


#810522029     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 23   MM,     WEIGHT =       GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALANOIDA        MICROCALANUS PYGMAEUS                 6      20
                 PSEUDOCALANUS MINUTUS                16      80
```

```
#810522030    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 20   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.003    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                       24     100


#810522031    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 20   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.001    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - F
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - F
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                        4     100


#810522032    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 22   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                        6      20
                PSEUDOCALANUS MINUTUS                       12      80


#810522033    GEARTYPE - BEACH SEINE       KELPTYPE - NON KELP

    LOCATION - BEAV    POSITION - AT THE SURFACE
    LENGTH - 25   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.001    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                        4     100
```

```
#810522034    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 21   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                        5     60
HARPACTICOIDA    HARPACTICOID SPECIES                         6     40


#810522035    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 22   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                        4    100


#810522036    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 19   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.002    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        PSEUDOCALANUS MINUTUS                       15    100


#810522037    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 27   MM,     WEIGHT =       GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                             4    100
```

```
#810522038     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 24   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.004     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON               PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA           EURYTEMORA AMERICANA                         1       0
MYSIDACEAE          ACANTHOMYSIS DAVISI                          2     100


#810522039     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 20   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002     GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,    DIGESTION = D
TAXON               PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA           MICROCALANUS PYGMAEUS                        4      10
                    PSEUDOCALANUS MINUTUS                       22      90


#810522040     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 25   MM,      WEIGHT =        GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.007     GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,    DIGESTION = D
TAXON               PREYTYPE
                                                            NUMBER  VOLUME
--------------------------------------------------------------------------
CALANOIDA           PSEUDOCALANUS MINUTUS                        4      20
GAMMARIDEA          PONTOGENEIA INERMIS                          1      30
                    PONTOGENEIA INTERMEDIA                       1      20
HARPACTICOIDA       HARPACTICOID SPECIES                        10      20
                    HARPACTICUS SPECIES                          3      10
```

```
#810522041     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 24   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                 12     100


#810522042     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 25   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                  2     100


#810522043     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 27   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                  2     100


#810522044     GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

     LOCATION = BEAV    POSITION = AT THE SURFACE
     LENGTH = 19   MM,      WEIGHT =       GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.001    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA          PSEUDOCALANUS MINUTUS                 30     100
```

```
#810525014     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 490  MM,      WEIGHT = 1423 GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 3.888    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = VWD
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                              1       0
BRACHYURA          BRACHYURA SPECIES                          1      10
FISH               FISH SPECIES                               2      70
ISOPODA            PENTIDOTEA RESECTA                         2      20


#810525015     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 490  MM,      WEIGHT = 1396 GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------


#810525019     GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 190  MM,      WEIGHT = 70   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.038    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA         ANONYX SPECIES                             1       0
                   CALLIOPIELLA PRATTI                        1       0
                   PONTOGENEIA INERMIS                       11      50
NATANTIA           HEPTACARPUS BREVIROSTRIS                   1      50
```

```
#810525029    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 440  MM,     WEIGHT = 869  GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 13.895   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                         1      20
                 SCYRA ACUTIFRONS                        1      20
GAMMARIDEA       ANONYX SPECIES                          1       0
ISOPODA          PENTIDOTEA RESECTA                      1       0
NATANTIA         SCLEROCRANGON BOREAS                    1      60
STONES           STONES                                  2       0


#810525030    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 420  MM,     WEIGHT = 927  GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 18.898   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE            ALGAL SPECIES                           4      50
BRACHYURA        BRACHYURA SPECIES                       1      10
                 PUGETTIA RICHII                         1      10
FISH             FISH SPECIES                            1      30
POLYCHAETA       POLYCHAETA SPECIES                      1       0
STONES           STONES                                  6       0


#810525031    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 165  MM,     WEIGHT = 46   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.316   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA       COROPHIUM SPECIES                       1       0
                 HYALE FREQUENS                          2      30
                 ISCHYROCERUS ANGUIPES                   1       0
                 PHOTIS BREVIPES                         2       0
                 PONTOGENEIA INERMIS                    13      40
POLYCHAETA       POLYCHAETA SPECIES                      1      30
```

```
#810527030    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 430  MM,      WEIGHT = 816  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 2.197    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
FISH               FISH SPECIES                          1      90
ISOPODA            PENTIDOTEA RESECTA                    1      10
POLYCHAETA         GLYCERA SPECIES                       1       0


#810529009    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 180  MM,      WEIGHT = 71   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.887    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS SPECIES                 21      20
                   PLEUSTES SPECIES GROUP D              1       0
                   PONTOGENEIA INERMIS                   1       0
ISOPODA            PENTIDOTEA RESECTA                    1      40
POLYCHAETA         POLYCHAETA SPECIES                    1      40


#810529010    GEARTYPE = GILLNET            KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 290  MM,      WEIGHT = 289  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 3.975    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
ISOPODA            PENTIDOTEA RESECTA                    1       0
POLYCHAETA         POLYCHAETA SPECIES                    6     100
STONES             STONES                                1       0
```

```
#810529017     GEARTYPE = GILLNET          KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 430  MM,     WEIGHT = 254  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 13.586   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
COTTIDAE        COTTID SPECIES                         2     30
FISH            FISH SPECIES                           1     20
ISOPODA         PENTIDOTEA RESECTA                     1     10
NATANTIA        PANDALUS DANAE                         1     40
POLYCHAETA      POLYCHAETA SPECIES                     1      0
```

```
#810529032     GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 205  MM,     WEIGHT = 118  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.44     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS SPECIES                   1      0
                PONTOGENEIA INERMIS                    3      0
HOLOTHUROIDEA   HOLOTHUROIDEA SPECIES                  1      0
NATANTIA        CRANGON SPECIES                        3     90
                HEPTACARPUS BREVIROSTRIS               1      0
POLYCHAETA      POLYCHAETA SPECIES                     1     10
```

```
#810529033     GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 250  MM,     WEIGHT = 168  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.878    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = UWD
TAXON           PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
GAMMARIDEA      ANONYX SPECIES                         1      5
                PONTOGENEIA INERMIS                    2      5
                PONTOGENEIA INTERMEDIA                 1      0
NATANTIA        HEPTACARPUS BREVIROSTRIS               1     90
```

```
#810529034    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

     LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 185  MM,      WEIGHT - 72   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.877    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
CAPRELLIDEA       CAPRELLA EQUILIBRIA
GAMMARIDEA        MELITA ROSTRATA                        1       0
                  PONTOGENEIA INERMIS                    1       0
NATANTIA          CRANGON SPECIES                        3       0
POLYCHAETA        POLYCHAETA SPECIES                     6      90
                                                         1      10


#810529046    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 250  MM,      WEIGHT - 193  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 7.514    GM
     FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE             ALGAL SPECIES
BRACHYURA         CANCER PRODUCTUS                       1       0
ISOPODA           PENTIDOTEA RESECTA                     1      90
                                                         1      10


#810529047    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 180  MM,      WEIGHT - 81   GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.292    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - VWD
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA        GAMMARID SPECIES
POLYCHAETA        POLYCHAETA SPECIES                     1      40
                                                         1      60
```

```
#810529050     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,      WEIGHT = 253  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 7.936    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                            1      20
CYCLOPTERIDAE    LIPARIS SPECIES                            2      30
GAMMARIDEA       AMPHITHOE LINDBERGI                        1       0
NATANTIA         CRANGON SPECIES                            6      20
                 HEPTACARPUS BREVIROSTRIS                   2      10
                 HEPTACARPUS STYLUS                         1       0
                 NATANTIA SPECIES                           3       0
POLYCHAETA       POLYCHAETA SPECIES                         4      20


#810529051     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 210  MM,      WEIGHT = 135  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 6.159    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
COTTIDAE         COTTID SPECIES                             1      50
GAMMARIDEA       ISCHYROCERUS SPECIES                       1       0
NATANTIA         CRANGON SPECIES                            1       0
                 HEPTACARPUS BREVIROSTRIS                   2      20
                 NATANTIA SPECIES                           4      20
POLYCHAETA       POLYCHAETA SPECIES                         1      10


#810529052     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 215  MM,      WEIGHT = 104  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.181    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = ND
TAXON            PREYTYPE                               NUMBER  VOLUME
------------------------------------------------------------------------
GAMMARIDEA       HYALE FREQUENS                             1     100
```

```
#810529053     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 255  MM,      WEIGHT - 208  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 7.848    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - D
TAXON             PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
BRACHYURA         BRACHYURA SPECIES                              2      30
FISH              FISH SPECIES                                   1       0
GAMMARIDEA        AMPELISCA PUGETICA                             3       0
                  ANONYX SPECIES                                19       5
                  AOROIDES COLUMBIAE                            24       5
                  GAMMARID SPECIES                               2       0
                  ISCHYROCERUS ANGUIPES                          1       0
                  MELITA ROSTRATA                                1       0
                  PONTOGENEIA INERMIS                           13       0
MYSIDACEAE        ACANTHOMYSIS DAVISI                            4       0
NATANTIA          CRANGON SPECIES                               12      60
                  HEPTACARPUS BREVIROSTRIS                       1       0
                  HEPTACARPUS STYLUS                             2       0
POLYCHAETA        POLYCHAETA SPECIES                             1       0


#810529057     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 195  MM,      WEIGHT - 77   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.774    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
NATANTIA          NATANTIA SPECIES                               1       0
POLYCHAETA        AMPHILTENIDAE SPECIES                          2     100


#810529058     GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 185  MM,      WEIGHT - 77   GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.628    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA        AMPELISCA PUGETICA                            10      30
                  ISCHYROCERUS ANGUIPES                          2       0
POLYCHAETA        POLYCHAETA SPECIES                             2      70
```

```
#810609004     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 425  MM,     WEIGHT = 770  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.909    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                      2      30
GAMMARIDEA       AMPELISCA PUGETICA                     2      15
                 PONTOGENEIA INERMIS                   10      55
NEBALIACEA       NEBALIA BIPES                          1       0


#810609007     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 385  MM,     WEIGHT = 782  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 12.381   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE            ALGAL SPECIES                          2       0
BRACHYURA        PUGETTIA RICHII                        3      40
FISH             FISH SPECIES                           3      60


#810609008     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 295  MM,     WEIGHT = 338  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 5.85     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE            ALGAL SPECIES                          1      10
ANOMURA          ANOMURA SPECIES                        1      20
NATANTIA         SCLEROCRANGON BOREAS                   2      70
```

```
#810609010    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = AT THE SURFACE  IN THE KELP
    LENGTH = 225  MM,     WEIGHT = 125  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 1.722    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
ANOMURA          ANOMURA SPECIES                      1      10
GAMMARIDEA       AMPELISCA PUGETICA                   4      15
                 GAMMARID SPECIES                     2       0
                 HYALE FREQUENS                       1       0
                 PONTOGENEIA INERMIS                  4      15
                 WESTWOODILLA CAECULA                 1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS             2      20
POLYCHAETA       POLYCHAETA SPECIES                   1      40
```

```
#810609015    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 220  MM,     WEIGHT = 129  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 3.575    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
COTTIDAE         COTTID SPECIES                       1      40
CYCLOPTERIDAE    LIPARIS SPECIES                      1      30
GAMMARIDEA       PONTOGENEIA INERMIS                  2       0
STICHAEIDAE      STICHAEIDAE SPECIES                  1      30
```

```
#810609016    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 212  MM,     WEIGHT = 120  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.016    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
GAMMARIDEA       AMPELISCA PUGETICA                   1       0
                 FOXIPHALUS SIMILIS                   1       0
                 ISCHYROCERUS ANGUIPES                2       0
NATANTIA         CRANGON SPECIES                      5      40
                 HEPTACARPUS BREVIROSTRIS             3      20
POLYCHAETA       POLYCHAETA SPECIES                   1      40
```

```
#810609017    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 223  MM,      WEIGHT = 133  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.243    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                          1       0
NATANTIA        NATANTIA SPECIES                             1     100


#810609018    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 220  MM,      WEIGHT = 117  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.376    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       CANCER OREGONENSIS                           1      20
GAMMARIDEA      AOROIDES COLUMBIAE                           1       0
                PONTOGENEIA INERMIS                          3       0
NATANTIA        CRANGON SPECIES                              2       0
                HEPTACARPUS BREVIROSTRIS                    43      80
                HEPTACARPUS CARINATUS                        2       0


#810609019    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 213  MM,      WEIGHT = 105  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.206    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY           1     100
#810609020    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 210  MM,     WEIGHT = 98   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.371    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
POLYCHAETA      POLYCHAETA SPECIES                           1     100


#810609021    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 195  MM,     WEIGHT = 77   GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.469    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                            11     100


#810609022    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 234  MM,     WEIGHT = 151  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 1.263    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                            1      10
FISH            FISH SPECIES                                 1      60
GAMMARIDEA      PONTOGENEIA INERMIS                          1       0
HOLOTHUROIDEA   HOLOTHUROIDEA SPECIES                        1       0
MOLLUSCA        GASTROPODA JUVENILE                          1       0
NATANTIA        NATANTIA SPECIES                             1      30
```

```
#810620021     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 220  MM,      WEIGHT = 125  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.824    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
ISOPODA            PENTIDOTEA RESECTA                        4     100


#810620023     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 430  MM,      WEIGHT = 768  GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 10.473   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                         1      25
                   CANCER OREGONENSIS                        1      25
FISH               FISH SPECIES                              1      20
GAMMARIDEA         ANONYX SPECIES                           24      10
                   PONTOGENEIA INERMIS                       1       0
HOLOTHUROIDEA      HOLOTHUROIDEA SPECIES                     2      10
MOLLUSCA           MARGARITES PUPILLIS                       1       0
                   SEARLSIA DIRA                             1       0
POLYCHAETA         POLYCHAETA SPECIES                        1       0
STONES             STONES                                    4      10


#810620024     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 230  MM,      WEIGHT = 154  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 5.205    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
COTTIDAE           COTTID SPECIES                            2     100
GAMMARIDEA         AMPHITHOR SPECIES                         3       0
```

```
#810620025    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 220  MM,      WEIGHT = 145  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.602    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
COTTIDAE           COTTID SPECIES                        1      40
GAMMARIDEA         AMPHITHOE LACERTOSA                   2       0
                   ANONYX SPECIES                       44      40
                   MELITA ROSTRATA                       2      40
                   PHOTIS BREVIPES                       1       0
                   PONTOGENEIA INERMIS                   3       0
MYSIDACEAE         MYSID SPECIES                         1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS              1      10
                   NATANTIA SPECIES                      2      10


#810620027    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 210  MM,      WEIGHT = 77   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.723    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                 2       0
ISOPODA            PENTIDOTEA RESECTA                    1     100


#810620028    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 180  MM,      WEIGHT = 59   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.863    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
GAMMARIDEA         GAMMARID SPECIES                      1      40
POLYCHAETA         POLYCHAETA SPECIES                    1      60
```

```
#810620033    GEARTYPE = GILLNET                KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 340  MM,     WEIGHT = 360  GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 10.471   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
ALGAE              ALGAL SPECIES                       1       0
FISH               FISH SPECIES                        2      30
ISOPODA            PENTIDOTEA RESECTA                  7      70
```

```
#810620034    GEARTYPE = GILLNET                KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 200  MM,     WEIGHT = 115  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 1.877    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                   1       0
CUMACEAE           MESOLAMPROPS SPECIES                5       0
GAMMARIDEA         AMPELISCA PUGETICA                  1       0
                   ANONYX SPECIES                      1       0
                   ISCHYROCERUS ANGUIPES              14      10
                   ISCHYROCERUS SPECIES                1       0
                   MELITA ROSTRATA                     1       0
                   PONTOGENEIA INERMIS                 3       0
MOLLUSCA           THAIS SPECIES                       1       0
NATANTIA           CRANGON SPECIES                     2       0
POLYCHAETA         POLYCHAETA SPECIES                  4      90
```

```
#810620035    GEARTYPE = GILLNET                KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 240  MM,     WEIGHT = 165  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 1.829    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
GAMMARIDEA         AMPHITHOE SIMULANS                  2       0
                   ISCHYROCERUS ANGUIPES               7       0
                   LAETMATOPHILUS (PHOTIS) SPECIES     3       0
                   MELITA ROSTRATA                     2       0
                   PHOTIS BREVIPES                     3       0
                   PLEUSTES SPECIES GROUP D            2       0
                   PONTOGENEIA INERMIS               179     100
                   PONTOGENEIA INTERMEDIA              4       0
MOLLUSCA           GALEOMATACEAE (SUPERFAMILY)         4       0
```

```
#810620036     GEARTYPE = GILLNET               KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 330  MM,     WEIGHT = 452  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.753    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
FISH               FISH SPECIES
STONES             STONES                                    1      10
                                                             1      90


#810620102     GEARTYPE = BEACH SEINE          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 32   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.004    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID
                   PSEUDOCALANUS MINUTUS                     1       0
HARPACTICOIDA      HARPACTICOID SPECIES                     58      90
                                                            13      10


#810620103     GEARTYPE = BEACH SEINE          KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 39   MM,     WEIGHT =      GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.008    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA          CALANOID COPEDID
                   PSEUDOCALANUS MINUTUS                     3      20
GAMMARIDEA         PONTOGENEIA INTERMEDIA                   16      60
HARPACTICOIDA      HARPACTICOID SPECIES                      1      10
                                                             4      10
```

```
#810620104    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 20   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       PSEUDOCALANUS MINUTUS                     10     100
HARPACTICOIDA   HARPACTICOID SPECIES                       1       0


#810620105    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT =       GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA       CALANUS PACIFICUS                          8     100
                METRIDIA PACIFICA                          1       0


#810620500    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 40   MM,     WEIGHT = 6     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS =          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------


#810620501    GEARTYPE = BEACH SEINE        KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 31   MM,     WEIGHT = 3     GM,      SEX =
    WEIGHT OF STOMACH CONTENTS =          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
```

```
#810622001     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 470  MM,      WEIGHT = 1087 GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 20.421   GM
     FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE              ALGAL SPECIES                          1      20
FISH               FISH SPECIES                           3      20
NATANTIA           CRANGON SPECIES                        3      30
STICHAEIDAE        STICHAEIDAE SPECIES                    1      30


#810622002     GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 520  MM,      WEIGHT = 1400 GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 1.1      GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE              ALGAL SPECIES                          1       0
BRACHYURA          BRACHYURA SPECIES                      1       0
FISH               FISH SPECIES                           2     100


#810623013     GEARTYPE = BEACH SEINE         KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 29   MM,      WEIGHT =      GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.002    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
CALANOIDA          CALANOID SPECIES                       3       5
HARPACTICOIDA      HARPACTICOID SPECIES                  40      95
```

```
#810623014    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 35   MM,     WEIGHT -       GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 0.003    GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - D
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA       MICROCALANUS PYGMAEUS                     7      30
                PSEUDOCALANUS MINUTUS                     4      30
GAMMARIDEA      GAMMARID SPECIES                          1      20
HARPACTICOIDA   HARPACTICOID SPECIES                      7      20


#810623500    GEARTYPE - BEACH SEINE       KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - AT THE SURFACE  LANDWARD OF KELP
    LENGTH - 28   MM,     WEIGHT - 3    GM,     SEX -
    WEIGHT OF STOMACH CONTENTS -          GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
----------------------------------------------------------------------


#810630002    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 575  MM,     WEIGHT - 1730 GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 42.929   GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE
                                                       NUMBER  VOLUME
----------------------------------------------------------------------
ALGAE           ALGAL SPECIES                             3      60
BRACHYURA       TELMESSUS CHEIRAGONUS                     1      30
FISH            FISH SPECIES                              2      10
NATANTIA        NATANTIA SPECIES                          1       0
STONES          STONES                                    1       0
```

```
#810630004     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - ON THE BOTTOM    IN THE KELP
     LENGTH - 380  MM,       WEIGHT - 545  GM,       SEX - M
     WEIGHT OF STOMACH CONTENTS - 6.057    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                          NUMBER  VOLUME
------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                              2       0
BRACHYURA           BRACHYURA SPECIES                          2      10
FISH                FISH SPECIES                               2      40
NATANTIA            CRANGON SPECIES                            2      20
                    SPIRONTOCARIS SPECIES                      1      10
STONES              STONES                                     1      20


#810630005     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - ON THE BOTTOM    SEAWARD OF KELP
     LENGTH - 235  MM,       WEIGHT - 141  GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 1.091    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                          NUMBER  VOLUME
------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                              1       0
NATANTIA            HEPTACARPUS BREVIROSTRIS                  12     100
STONES              STONES                                     1       0


#810630007     GEARTYPE - GILLNET              KELPTYPE -

     LOCATION - MALC     POSITION - ON THE BOTTOM    LANDWARD OF KELP
     LENGTH - 420  MM,       WEIGHT - 970  GM,       SEX - M
     WEIGHT OF STOMACH CONTENTS - 14.665   GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON               PREYTYPE
                                                          NUMBER  VOLUME
------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                              1       0
BRACHYURA           CANCER PRODUCTUS                           1      90
ISOPODA             PENTIDOTEA RESECTA                         3      10
NATANTIA            CRANGON SPECIES                            1       0
POLYCHAETA          POLYCHAETA SPECIES                         1       0
```

```
#810630008    GEARTYPE - GILLNET             KELPTYPE -

    LOCATION - MALC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 333  MM,      WEIGHT - 546  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 2.667     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                           1      60
POLYCHAETA       POLYCHAETA SPECIES                          5      40


#810630010    GEARTYPE - GILLNET             KELPTYPE -

    LOCATION - MALC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 380  MM,      WEIGHT - 810  GM,      SEX - M
    WEIGHT OF STOMACH CONTENTS - 0.49      GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - WD
    FULLNESS OF PYLORIC CHAMBER - 0.1 %,   DIGESTION - WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
POLYCHAETA       POLYCHAETA SPECIES                          1     100


#810706001    GEARTYPE - PURSE SEINE         KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 20   MM,      WEIGHT -      GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.002     GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                           1     100


#810710008    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   IN THE KELP
    LENGTH - 530  MM,      WEIGHT - 1416 GM,      SEX - F
    WEIGHT OF STOMACH CONTENTS - 5.515     GM
    FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                             2      60
FISH             FISH SPECIES                                1      40
GAMMARIDEA       PONTOGENEIA INTERMEDIA                      1       0
ISOPODA          AEGA SPECIES                                1       0
```

```
#810710014    GEARTYPE - GILLNET           KELPTYPE - NEREOCYSTIS

     LOCATION - NERC    POSITION - ON THE BOTTOM   IN THE KELP
     LENGTH - 370  MM,     WEIGHT - 757  GM,      SEX - M
     WEIGHT OF STOMACH CONTENTS - 31.346   GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CALLIANASSIDAE  CALLIANASSA CALIFORNIENSIS             1      40
PLEURONECTIDAE  PLEURONECTIDAE SPECIES                 1      50
STONES          STONES                                16      10


#810710015    GEARTYPE - GILLNET           KELPTYPE -

     LOCATION - MALC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
     LENGTH - 280  MM,     WEIGHT - 240  GM,      SEX - M
     WEIGHT OF STOMACH CONTENTS - 0.769   GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - WD
     FULLNESS OF PYLORIC CHAMBER - 25  %,   DIGESTION - VWD
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                           1     100


#810710016    GEARTYPE - GILLNET           KELPTYPE -

     LOCATION - MALC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
     LENGTH - 235  MM,     WEIGHT - 175  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 1.425   GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                           1     100
GAMMARIDEA      AMPHITHOR SPECIES                      1       0
                ISCHYROCERUS SPECIES                   1       0


#810710018    GEARTYPE - GILLNET           KELPTYPE -

     LOCATION - MALC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
     LENGTH - 230  MM,     WEIGHT - 214  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 2.17    GM
     FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
CUMACEAE        LEPTOCUMA SPECIES                      2       0
GAMMARIDEA      AMPHITHOE LACERTOSA                    4      10
                ANONYX SPECIES                        17      40
                DEXAMONICA (ATYLUS) COLLINGI           1       0
```

```
                 GAMMARID SPECIES                              2      0
                 ISCHYROCERUS SPECIES                          7     30
                 MELITA ROSTRATA                               1     10
                 PONTOGENEIA INERMIS                           1      0
MOLLUSCA         GALEOMATACEAE (SUPERFAMILY)                   1      0
NATANTIA         CRANGON SPECIES                               2     10


#810710019     GEARTYPE = GILLNET          KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 315  MM,     WEIGHT = 438  GM,     SEX = M
     WEIGHT OF STOMACH CONTENTS = 3.794    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
FISH             FISH SPECIES                                  2    100


#810710033     GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 250  MM,     WEIGHT = 244  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.886    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                             1     40
NATANTIA         NATANTIA SPECIES                              1     60


#810716003     GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 520  MM,     WEIGHT = 1646 GM,     SEX = F
     WEIGHT OF STOMACH CONTENTS = 54.116   GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
BRACHYURA        TELMESSUS CHEIRAGONUS                         1     70
POLYCHAETA       POLYCHAETA SPECIES                                  10
UNIDENTIFIED     UNIDENTIFIED TAXON                            5     20
```

```
#810716007    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 400  MM,     WEIGHT = 767  GM,       SEX = M
    WEIGHT OF STOMACH CONTENTS = 3.507    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
FISH            FISH SPECIES                           1      10
NATANTIA        HEPTACARPUS BREVIROSTRIS               1      40
POLYCHAETA      POLYCHAETA SPECIES                     4      40
STONES          STONES                                 3      10


#810716009    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 420  MM,     WEIGHT = 385  GM,       SEX = M
    WEIGHT OF STOMACH CONTENTS = 26.958   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
COTTIDAE        COTTID SPECIES                         1      40
ISOPODA         PENTIDOTEA RESECTA                     4      20
STICHAEIDAE     STICHAEIDAE SPECIES                    1      40


#810716012    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 210  MM,     WEIGHT = 115  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.246    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                  NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                      1     100
```

```
#810716015    GEARTYPE = GILLNET          KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 270  MM,     WEIGHT = 248  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.275    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
NATANTIA        NATANTIA SPECIES                             2     100


#810716016    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 210  MM,     WEIGHT = 125  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.507    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      HYALE FREQUENS                               1      30
NATANTIA        NATANTIA SPECIES                             2       0
POLYCHAETA      POLYCHAETA SPECIES                           1      70


#810725002    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 83   MM,     WEIGHT = 7    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.082    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                             2      30
CAPRELLIDEA     CAPRELLIDAE SPECIES                          1       0
CUMACEAE        DIASTYLOPSIS SPECIES                         1       5
                LAMPROPS QUADRIPLICATA                       7      25
GAMMARIDEA      GAMMARID SPECIES                             1       5
                PHOTIS BREVIPES                              2      10
                PONTOGENEIA INERMIS                          1       5
                SYNCHELIDIUM SHOEMAKERI                      2      10
NATANTIA        NATANTIA ZOEA                                2      10
```

```
#810725003    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 78   MM,      WEIGHT = 5    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.302    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON               PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA           BRACHYURA MEGALOPS                       1       0
                    BRACHYURA ZOEA                           1       0
CALANOIDA           CALANUS PACIFICUS                        1       0
GAMMARIDEA          PONTOGENEIA INERMIS                      9      20
                    PONTOGENEIA INTERMEDIA                  17      30
MYSIDACEAE          ACANTHOMYSIS MACROPSIS                   3      10
NATANTIA            NATANTIA ZOEA                            1       0
POLYCHAETA          POLYCHAETA SPECIES                       9      40


#810725004    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 68   MM,      WEIGHT = 3    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.061    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = MD
TAXON               PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA          CALLIOPIELLA PRATTI                      5      20
                    PONTOGENEIA INTERMEDIA                  15      70
                    SYNCHELIDIUM SHOEMAKERI                  1       0
NATANTIA            NATANTIA ZOEA                            3      10
OSTRACODA           OSTRACODA SPECIES                        1       0


#810725010    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 85   MM,      WEIGHT = 7    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.121    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON               PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA           BRACHYURA MEGALOPS                       4      10
GAMMARIDEA          PONTOGENEIA INERMIS                     31      90
                    PONTOGENEIA INTERMEDIA                   1       0
NATANTIA            NATANTIA ZOEA                            1       0
```

```
#810725011    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 83   MM,     WEIGHT = 8    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.092    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
CAPRELLIDEA      CAPRELLIDAE SPECIES                         2       0
GAMMARIDEA       ISCHYROCERUS ANGUIPES                       3       5
                 PONTOGENEIA INERMIS                         3       5
                 PONTOGENEIA INTERMEDIA                     21      90
ISOPODA          ISOPODA SPECIES                             1       0
```

```
#810725012    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 75   MM,     WEIGHT = 6    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.073    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA       ANISOGAMMARUS PUGETTENSIS                   1       5
                 CALLIOPIELLA PRATTI                         1       5
                 GAMMARID SPECIES                            2      10
                 PONTOGENEIA INERMIS                         2      15
                 PONTOGENEIA INTERMEDIA                      6      60
MYSIDACEAE       NEOMYSIS AWATSCHENSIS                       1       5
```

```
#810725013    GEARTYPE = BEACH SEINE       KELPTYPE = NON KELP

     LOCATION = NAIR    POSITION = AT THE SURFACE
     LENGTH = 80   MM,     WEIGHT = 8    GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.162    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
GAMMARIDEA       PONTOGENEIA INTERMEDIA                     57      60
NATANTIA         NATANTIA ZOEA                               1       0
POLYCHAETA       POLYCHAETA SPECIES                          1      40
```

```
#810725014    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 75   MM,     WEIGHT = 6    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.069    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
                                                           1      10
BRACHYURA       BRACHYURA ZOEA                             1       0
GAMMARIDEA      ISCHYROCERUS ANGUIPES                      1       0
                PONTOGENEIA INERMIS                        2       0
                PONTOGENEIA INTERMEDIA                    27      80
MYSIDACEAE      ACANTHOMYSIS DAVISI                        2       0
NATANTIA        NATANTIA ZOEA                              2      10


#810726005    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 75   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.084    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             1      10
CUMACEAE        DIASTYLOPSIS SPECIES                       2      20
GAMMARIDEA      EOHAUSTORIUS WASHINGTONIANUS               3      50
                SYNCHELIDIUM SHOEMAKERI                    1       0
MYSIDACEAE      MYSIS OCULATA                              1       0
NATANTIA        NATANTIA ZOEA                              1      10


#810726006    GEARTYPE = BEACH SEINE      KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 80   MM,     WEIGHT = 5    GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.086    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
CUMACEAE        MESOLAMPROPS SPECIES                       1       5
MYSIDACEAE      MYSIS OCULATA                              6      90
NATANTIA        HEPTACARPUS BREVIROSTRIS                   1       5
```

```
#810730001    GEARTYPE = GILLNET               KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 250  MM,      WEIGHT = 183  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 4.9      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA        PONTOGENEIA INERMIS                       1       0
POLYCHAETA        POLYCHAETA SPECIES                        6     100


#810730002    GEARTYPE = GILLNET               KELPTYPE =

     LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
     LENGTH = 240  MM,      WEIGHT = 167  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 3.399    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
COTTIDAE          COTTID SPECIES                            1      30
CYCLOPTERIDAE     LIPARIS SPECIES                           1      30
GAMMARIDEA        PONTOGENEIA INERMIS                       1       0
POLYCHAETA        POLYCHAETA SPECIES                        2      40


#810731004    GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 210  MM,      WEIGHT = 129  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.787    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = VWD
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
ARTHROPODA        ARTHROPODA SPECIES (FRAGMENTS ONLY              100
GAMMARIDEA        HYALE FREQUENS                            1       0
                  PONTOGENEIA INERMIS                       1       0
POLYCHAETA        POLYCHAETA SPECIES                        1       0
```

```
#810731005    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 240  MM,     WEIGHT - 181  GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 3.066    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
                                                       1      30
ALGAE          ALGAL SPECIES                           1      20
CALANOIDA      CALANUS GLACIALIS                       1       0
GAMMARIDEA     HYALE FREQUENS                          1      10
               PONTOGENEIA INERMIS                     1       0
MYSIDACEAE     ACANTHOMYSIS DAVISI                     1       0
NATANTIA       NATANTIA SPECIES                        2      10
POLYCHAETA     POLYCHAETA SPECIES                             30


#810731006    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 215  MM,     WEIGHT - 132  GM,     SEX -
    WEIGHT OF STOMACH CONTENTS - 3.316    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA      PUGETTIA RICHII                         1      40
GAMMARIDEA     AMPHITHOE LACERTOSA                     1       0
               CALLIOPIELLA PRATTI                     2       0
               HYALE FREQUENS                          7      10
               ISCHYROCERUS ANGUIPES                   4       0
               PONTOGENEIA INERMIS                    13      10
               PONTOGENEIA INTERMEDIA                  5       0
NATANTIA       NATANTIA SPECIES                        4       0
POLYCHAETA     POLYCHAETA SPECIES                      1      40


#810731007    GEARTYPE - GILLNET             KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 355  MM,     WEIGHT - 734  GM,     SEX - F
    WEIGHT OF STOMACH CONTENTS - 6.612    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON          PREYTYPE                             NUMBER  VOLUME
------------------------------------------------------------------
ALGAE          ALGAL SPECIES                           1      50
FISH           FISH SPECIES                            1      40
POLYCHAETA     POLYCHAETA SPECIES                      1       0
STONES         STONES                                  1      10
```

```
#810731008     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

    LOCATION = GRAN    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 440  MM,      WEIGHT = 1433 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 25.229   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                2       0
BRACHYURA        BRACHYURA SPECIES                            1       0
                 OREGONIA GRACILIS                            2      30
FISH             FISH SPECIES                                 1       0
POLYCHAETA       POLYCHAETA SPECIES                                  70
```

```
#810731010     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 262  MM,     WEIGHT = 228  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 2.567   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
                                                              1      20
COTTIDAE         COTTID SPECIES                               1      30
FISH             FISH SPECIES                                 1      10
NATANTIA         CRANGON SPECIES                              1      10
                 NATANTIA SPECIES                             1       0
                 SCLEROCRANGON BOREAS                         2      30
```

```
#810731011     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 84   MM,      WEIGHT = 8    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.057   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA        CALANUS GLACIALIS                           45      70
                 CALANUS PLUMCHRUS                            2       0
                 PSEUDOCALANUS MINUTUS                       16      10
CIRRIPEDIA       CYPRIS LARVA                                 4       0
HARPACTICOIDA    HARPACTICUS SPECIES                         54      20
```

```
#810731012    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 240  MM,      WEIGHT = 218  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 6.135    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE               ALGAL SPECIES                        1       0
BRACHYURA           BRACHYURA SPECIES                    2     100


#810731013    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 240  MM,      WEIGHT = 161  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.069    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH                FISH SPECIES                         9      90
MYSIDACEAE          ACANTHOMYSIS DAVISI                  1       0
NATANTIA            HEPTACARPUS STYLUS                   1      10
                    NATANTIA SPECIES                     2       0


#810803001    GEARTYPE = PURSE SEINE          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 78   MM,      WEIGHT = 4    GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.082    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON               PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
CALANOIDA           CALANUS GLACIALIS                    3       0
GAMMARIDEA          ISCHYROCERUS ANGUIPES                1       0
NATANTIA            NATANTIA SPECIES                     1     100
```

```
#810803002     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 42   MM,      WEIGHT -        GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.018    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - P
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA           CALANUS GLACIALIS                      2       0
                    CALANUS PACIFICUS                      4       0
                    METRIDIA PACIFICA                      2       0
                    PSEUDOCALANUS MINUTUS                106     100
NATANTIA            NATANTIA ZOEA                          1       0


#810803003     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 40   MM,      WEIGHT -        GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.016    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - WD
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CLADOCERA           PODON POLYPHEMOIDES                    1       0
GAMMARIDEA          GAMMARID SPECIES                       3      10
                    ISCHYROCERUS ANGUIPES                  3      10
                    PONTOGENEIA INERMIS                    5      10
HARPACTICOIDA       HARPACTICOID SPECIES                  84      70


#810803004     GEARTYPE - PURSE SEINE        KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - AT THE SURFACE  SEAWARD OF KELP
     LENGTH - 47   MM,      WEIGHT - 1     GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 0.009    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,   DIGESTION - D
TAXON               PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
CALANOIDA           CALANUS GLACIALIS                      1       0
                    CALANUS PACIFICUS                      4       0
                    PSEUDOCALANUS MINUTUS                 92     100
                    TORTANUS DISCAUDATUS                   1       0
CLADOCERA           PODON POLYPHEMOIDES                    7       0
NATANTIA            NATANTIA ZOEA                          1       0
```

```
#810803005    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 38   MM,     WEIGHT =        GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.006    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         CALANUS GLACIALIS                         2       0
                  PSEUDOCALANUS MINUTUS                    38     100


#810803006    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 48   MM,     WEIGHT = 1     GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.017    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA        GAMMARID SPECIES                          1       0
                  PONTOGENEIA INERMIS                       1     100


#810803007    GEARTYPE = PURSE SEINE       KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
     LENGTH = 45   MM,     WEIGHT = 1     GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 0.01     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON             PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
CALANOIDA         AETEDIUS ARMATUS                          1       0
                  CALANUS GLACIALIS                         2      10
                  PSEUDOCALANUS MINUTUS                    13      80
GAMMARIDEA        GAMMARID SPECIES                          1       5
                  PONTOGENEIA INERMIS                       1       5
```

```
#810803008    GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 39   MM,      WEIGHT =       GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.01      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA                          1      40
GAMMARIDEA       PONTOGENEIA INERMIS                     2      60


#810803009    GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 42   MM,      WEIGHT =       GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.005     GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA        CALANOID SPECIES                        8     100


#810803010    GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 45   MM,      WEIGHT = 1     GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.011     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA        CALANUS PACIFICUS                       3      70
                 PSEUDOCALANUS MINUTUS                   3      30

#810803038    GEARTYPE = PURSE SEINE        KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 50   MM,      WEIGHT = 1     GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.012     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON            PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
CALANOIDA        AETEDIUS ARMATUS                        1       0
                 CALANUS GLACIALIS                       1       5
                 CALANUS PACIFICUS                       2       5
                 PSEUDOCALANUS MINUTUS                  22      80
CLADOCERA        PODON POLYPHEMOIDES                     8      10
GAMMARIDEA       GAMMARID SPECIES                        1       0
```

```
#810806041     GEARTYPE = GILLNET            KELPTYPE = NON KELP

      LOCATION = BEAV    POSITION = AT THE SURFACE
      LENGTH = 275  MM,      WEIGHT = 311  GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 8.576    GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON               PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
CLUPEIDAE           CLUPEA HARENGUS PALLASI                      1      40
FISH                FISH SPECIES                                 3      40
NATANTIA            CRANGON SPECIES                              2      20


#810809001     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

      LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
      LENGTH = 550  MM,      WEIGHT = 2014 GM,      SEX = F
      WEIGHT OF STOMACH CONTENTS = 42.461   GM
      FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                                2       0
BRACHYURA           BRACHYURA SPECIES                            1      20
FISH                FISH SPECIES                                 2      30
POLYCHAETA          POLYCHAETA SPECIES                           4      30
STICHAEIDAE         STICHAEIDAE SPECIES                          2      20
STONES              STONES                                       1       0


#810809007     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

      LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
      LENGTH = 265  MM,      WEIGHT = 230  GM,      SEX =
      WEIGHT OF STOMACH CONTENTS = 3.316    GM
      FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE                                NUMBER  VOLUME
--------------------------------------------------------------------------
ALGAE               ALGAL SPECIES                                1      20
FISH                FISH SPECIES                                 1      80
```

```
#810809008    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - NERC    POSITION - ON THE BOTTOM   LANDWARD OF KELP
    LENGTH - 265  MM,      WEIGHT - 253  GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 4.667     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
FISH            FISH SPECIES                               1       0
GAMMARIDEA      ANONYX SPECIES                             9      10
MYSIDACEAE      ACANTHOMYSIS DAVISI                       25      10
NATANTIA        CRANGON SPECIES                            1      80


#810809011    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 200  MM,      WEIGHT - 120  GM,       SEX -
    WEIGHT OF STOMACH CONTENTS - 3.489     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA      PONTOGENEIA INERMIS                       15       5
NATANTIA        CRANGON SPECIES                            5      90
                PANDALUS SPECIES                           1       0
POLYCHAETA      POLYCHAETA SPECIES                         1       5


#810819003    GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 485  MM,      WEIGHT - 1779 GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 44.608    GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                          1      50
                PUGETTIA RICHII                           11      40
NATANTIA        PANDALUS DANAE                             1      10
                PANDALUS SPECIES                           1       0
```

```
#810819007     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM    SEAWARD OF KELP
    LENGTH = 450  MM,       WEIGHT = 1575 GM,        SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.918     GM
    FULLNESS OF CARDIAC CHAMBER =      %,    DIGESTION =
    FULLNESS OF PYLORIC CHAMBER =      %,    DIGESTION =
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
ALGAE              ALGAL SPECIES                                   1      40
COTTIDAE           COTTID SPECIES                                  2      60
POLYCHAETA         POLYCHAETA SPECIES                              1       0


#810819008     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 230  MM,       WEIGHT = 198  GM,        SEX =
    WEIGHT OF STOMACH CONTENTS = 4.738     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,     DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,     DIGESTION =
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                               2      90
FISH               FISH SPECIES                                    1      10
GAMMARIDEA         AMPHITHOE LACERTOSA                             1       0


#810819009     GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 230  MM,       WEIGHT = 195  GM,        SEX =
    WEIGHT OF STOMACH CONTENTS = 1.767     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,     DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,     DIGESTION = D
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
GAMMARIDEA         ALLORCHESTES ANGUSTUS                           1       0
                   ISCHYROCERUS ANGUIPES                          27      40
                   MELITA ROSTRATA                                 4       5
                   PHOTIS BREVIPES                                 1       0
                   PONTOGENEIA INERMIS                             9      10
                   PONTOGENEIA INTERMEDIA                          2       5
ISOPODA            IANIROPSIS KINCAIDI                             1       0
MOLLUSCA           GASTROPODA SPECIES                              1       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                        4       0
                   PANDALUS SPECIES                                1      40
OSTRACODA          OSTRACODA SPECIES                               1       0
TANAIDACEA         LEPTOCHELIA SAVIENYI                            2       0
                   TANAIDACEA SPECIES                              1       0
```

```
#810819010    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 230  MM,     WEIGHT = 192  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.248    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       CANCER OREGONENSIS                     1      10
GAMMARIDEA      AMPELISCA PUGETICA                     1       0
                ANONYX SPECIES                         1       0
                ISCHYROCERUS ANGUIPES                 12       5
                MELITA ROSTRATA                        2       0
                PHOTIS BREVIPES                        3       2
                PONTOGENEIA INERMIS                    4       3
                PONTOGENEIA INTERMEDIA                 1       0
NATANTIA        NATANTIA SPECIES                       1       0
POLYCHAETA      POLYCHAETA SPECIES                     3      80


#810819011    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 200  MM,     WEIGHT = 133  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.915    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       CANCER BRANNERI                        1      30
GAMMARIDEA      FOXIPHALUS SIMILIS                     2       0
                ISCHYROCERUS ANGUIPES                 13      25
                MELITA ROSTRATA                        1       0
                PHOTIS BREVIPES                        2       0
                PONTOGENEIA INERMIS                    6      15
NATANTIA        HEPTACARPUS BREVIROSTRIS               1      20
POLYCHAETA      POLYCHAETA SPECIES                     1      10


#810819012    GEARTYPE = GILLNET             KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 260  MM,     WEIGHT = 272  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 11.751   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WP
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                    NUMBER  VOLUME
------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                      3      70
FISH            FISH SPECIES                           1      10
GAMMARIDEA      AMPHITHOE LACERTOSA                    1       0
POLYCHAETA      POLYCHAETA SPECIES                     4      20
```

```
#810819013    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 400  MM,      WEIGHT = 1064 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 21.73    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
FISH              FISH SPECIES                          2      20
MOLLUSCA          ACILA CASTRENSIS                      2       5
PLEURONECTIDAE    PLEURONECTIDAE SPECIES                2      70
STONES            STONES                                2       5


#810819014    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 280  MM,      WEIGHT = 403  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 6.285    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE             ALGAL SPECIES                         1      30
FISH              FISH SPECIES                          5      70


#810819015    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 260  MM,      WEIGHT = 263  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 15.179   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
                                                        1       0
FISH              FISH SPECIES                          3      80
GAMMARIDEA        AMPHITHOE LINDBERGI                   1       0
MYSIDACEAE        ACANTHOMYSIS DAVISI                 131      10
NATANTIA          HEPTACARPUS BREVIROSTRIS              1       0
                  HIPPOLYTE CLARKI                      1       0
                  PANDALUS SPECIES                      1      20
```

```
#810830001    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 250  MM,     WEIGHT = 226  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 4.545    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------

                                                          1       0
GAMMARIDEA      AMPELISCA PUGETICA                       41      10
                FOXIPHALUS SIMILIS                        2       0
                HYALE FREQUENS                            6       0
                ISCHYROCERUS SPECIES                    252      80
                MELITA ROSTRATA                           3       0
                PHOTIS BREVIPES                           4       0
                PONTOGENEIA INERMIS                       5       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                  3       5
                NATANTIA SPECIES                          4       5
                SPIRONTOCARIS OCHOTENSIS                  1       0
POLYCHAETA      POLYCHAETA SPECIES                        1       0


#810830002    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 220  MM,     WEIGHT = 307  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 7.616    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------

ALGAE           ALGAL SPECIES                             1       0
GAMMARIDEA      CALLIOPIELLA PRATTI                       1       0
                ISCHYROCERUS SPECIES                     13       0
                PONTOGENEIA INERMIS                       1       0
                PONTOGENEIA INTERMEDIA                    4       0
MOLLUSCA        LACUNA CARINATA                           1       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                  1      10
POLYCHAETA      POLYCHAETA SPECIES                        1       0
STICHAEIDAE     STICHAEIDAE SPECIES                       2      90
```

```
#810830003    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 250  MM,      WEIGHT - 306  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 6.415     GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
ALGAE           ALGAL SPECIES                                1      40
FISH            FISH SPECIES                                 3      60


#810830004    GEARTYPE - GILLNET            KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 240  MM,      WEIGHT - 191  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 4.951     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                NUMBER  VOLUME
----------------------------------------------------------------------
BRACHYURA       BRACHYURA SPECIES                            2      10
                PUGETTIA RICHII                              1      20
GAMMARIDEA      AMPELISCA PUGETICA                           4       0
                AMPHITHOE LACERTOSA                          2       0
                ANONYX SPECIES                               1       0
                AOROIDES COLUMBIAE                           1       0
                GAMMARID SPECIES                            10       5
                HYALE SPECIES                                5      10
                ISCHYROCERUS ANGUIPES                        3       0
                MELITA ROSTRATA                              4       5
                PONTOGENEIA INERMIS                          4       0
MYSIDACEAE      MYSID SPECIES                                5       0
NATANTIA        HEPTACARPUS BREVIROSTRIS                     4       0
                HEPTACARPUS STYLUS                           4      10
                HIPPOLYTE CLARKI                             3      10
                PANDALUS DANAE                               1      20
POLYCHAETA      POLYCHAETA SPECIES                           1      10
STICHAEIDAE     STICHAEIDAE SPECIES                          1       0
TANAIDACEA      LEPTOCHELIA SAVIENYI                         2       0
```

```
#810830006     GEARTYPE = GILLNET                    KELPTYPE = NEREOCYSTIS

      LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
      LENGTH = 260  MM,      WEIGHT = 222  GM,       SEX = F
      WEIGHT OF STOMACH CONTENTS = 3.593      GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES
GAMMARIDEA         AMPHITHOE LACERTOSA                     1      40
NATANTIA           CRANGON SPECIES                         1       0
                   HEPTACARPUS SPECIES                     1      10
                   PANDALUS SPECIES                        2      10
POLYCHAETA         POLYCHAETA SPECIES                      1      20
                                                           1      20


#810830007     GEARTYPE = GILLNET                    KELPTYPE = NEREOCYSTIS

      LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
      LENGTH = 250  MM,      WEIGHT = 227  GM,       SEX =
      WEIGHT OF STOMACH CONTENTS = 1.294      GM
      FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = VWD
      FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
FISH               FISH SPECIES
GAMMARIDEA         AMPELISCA PUGETICA                      1      50
                   GAMMARID SPECIES                        1       0
POLYCHAETA         POLYCHAETA SPECIES                      1      50
                                                           1       0


#810830008     GEARTYPE = GILLNET                    KELPTYPE = NEREOCYSTIS

      LOCATION = GRAM     POSITION = ON THE BOTTOM    SEAWARD OF KELP
      LENGTH = 206  MM,      WEIGHT = 191  GM,       SEX =
      WEIGHT OF STOMACH CONTENTS = 3.104      GM
      FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
      FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
-----------------------------------------------------------------------
                                                           2      20
GAMMARIDEA         ISCHYROCERUS SPECIES                   68      30
                   PONTOGENEIA INERMIS                   116      50
                   PONTOGENEIA INTERMEDIA                 10       0
ISOPODA            PENTIDOTEA RESECTA                      1       0
MOLLUSCA           LACUNA CARINATA                         1       0
```

```
#810830009    GEARTYPE = GILLNET          KELPTYPE =

    LOCATION = MALC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 280  MM,      WEIGHT = 262  GM,        SEX = M
    WEIGHT OF STOMACH CONTENTS = 2.713    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
ALGAE            ALGAL SPECIES                            1      20
COTTIDAE         COTTID SPECIES                           1      80
GAMMARIDEA       GAMMARID SPECIES                         2       0
                 PONTOGENEIA INERMIS                      1       0
MYSIDACEAE       ACANTHOMYSIS DAVISI                      5       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                 1       0


#810830010    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 270  MM,      WEIGHT = 291  GM         SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.068    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH SPECIES                             1      90
GAMMARIDEA       AMPHITHOE LACERTOSA                      1       0
MYSIDACEAE       MYSID SPECIES                            3       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                 1      10
POLYCHAETA       POLYCHAETA SPECIES                       1       0


#810830011    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 300  MM,      WEIGHT = 317  GM,        SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.86     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH             FISH SPECIES                             3      95
MYSIDACEAE       ACANTHOMYSIS DAVISI                     65       5
```

```
#810830012    GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 250  MM,      WEIGHT = 204  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 4.927   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA          CANCER OREGONENSIS                        2      20
COTTIDAE           COTTID SPECIES                            2      70
GAMMARIDEA         GAMMARID SPECIES                          1       0
MYSIDACEAE         ACANTHOMYSIS DAVISI                      20      10
NATANTIA           SPIRONTOCARIS OCHOTENSIS                  1       0
TANAIDACEA         LEPTOCHELIA SAVIENYI                      1       0
```

```
#810830013    GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 290  MM,      WEIGHT = 211  GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 1.868   GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
FISH               FISH SPECIES                              1      10
MYSIDACEAE         MYSID SPECIES                             2       0
NATANTIA           HEPTACARPUS BREVIROSTRIS                  4      80
                   HEPTACARPUS CARINATUS                            10
                   NATANTIA SPECIES                          1       0
```

```
#810830014    GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 490  MM,      WEIGHT = 1300 GM,       SEX = F
     WEIGHT OF STOMACH CONTENTS = 5.617   GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE              ALGAL SPECIES                             1      10
FISH               FISH SPECIES                              1      50
STICHAEIDAE        STICHAEIDAE SPECIES                       1      40
```

```
#810830015      GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 260  MM,       WEIGHT = 207  GM,       SEX = M
     WEIGHT OF STOMACH CONTENTS = 2.504    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA           BRACHYURA SPECIES                        1      30
FISH                FISH SPECIES                             1      40
MYSIDACEAE          ACANTHOMYSIS DAVISI                     80      30
STONES              STONES                                   1       0
```

```
#810830016      GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = NERC     POSITION = ON THE BOTTOM    SEAWARD OF KELP
     LENGTH = 230  MM,       WEIGHT = 164  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 1.664    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
COTTIDAE            ENOPHRYS BISON                           1      60
GAMMARIDEA          ANONYX SPECIES                           1       0
                    PONTOGENEIA INERMIS                      3       0
NATANTIA            CRANGON SPECIES                          8      30
                    HEPTACARPUS BREVIROSTRIS                 2      10
```

```
#810907003      GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM     POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 250  MM,       WEIGHT = 214  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 5.167    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
FISH                FISH SPECIES                             2      30
GAMMARIDEA          AMPHITHOE LACERTOSA                      1      10
                    ISCHYROCERUS ANGUIPES                    1       0
                    PONTOGENEIA INERMIS                      1       0
                    PONTOGENEIA INERMIS                      2       0
ISOPODA             PENTIDOTEA RESECTA                       2      30
NATANTIA            HEPTACARPUS CARINATUS                    2      10
POLYCHAETA          POLYCHAETA SPECIES                       1      20
```

```
#810907004    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   IN THE KELP
     LENGTH - 250  MM,      WEIGHT - 251  GM,      SEX -
     WEIGHT OF STOMACH CONTENTS - 2.065    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA         CANCER OREGONENSIS
GAMMARIDEA        ISCHYROCERUS ANGUIPES                 2      40
MOLLUSCA          MARGARITES PUPILLIS                   1       0
NATANTIA          NATANTIA ZOEA                         1       0
                  SCLEROCRANGON BOREAS                  1       0
POLYCHAETA        POLYCHAETA SPECIES                    1       0
                                                        1      60
                                                        1       0
```

```
#810907006    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   IN THE KELP
     LENGTH - 400  MM,      WEIGHT - 1235 GM,      SEX - F
     WEIGHT OF STOMACH CONTENTS - 12.553   GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ALGAE             ALGAL SPECIES
FISH              FISH SPECIES                          1       5
MOLLUSCA          ACMAEA MITRA                          2      60
                  MARGARITES PUPILLIS                   1       5
NATANTIA          CRANGON SPECIES                       1       0
STONES            STONES                                1       0
                                                        8      30
```

```
#810907007    GEARTYPE - GILLNET                  KELPTYPE - NEREOCYSTIS

     LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 260  MM,      WEIGHT - 236  GM,      SEX - F
     WEIGHT OF STOMACH CONTENTS - 0.173    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,   DIGESTION - VWD
     FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON             PREYTYPE
                                                   NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA        ARTHROPODA SPECIES (FRAGMENTS ONLY
                                                              100
```

```
#810907008     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 260  MM,       WEIGHT = 235  GM,       SEX = F
    WEIGHT OF STOMACH CONTENTS = 5.451     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
FISH               FISH SPECIES                            1       0
ISOPODA            PENTIDOTEA RESECTA                      3     100


#810907009     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 230  MM,       WEIGHT = 165  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 3.681     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = D
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA         AMPHITHOE LACERTOSA                     3       0
                   CALLIOPIELLA PRATTI                    99      30
                   HYALE FREQUENS                          3       0
                   ISCHYROCERUS SPECIES                    5       0
                   MELITA ROSTRATA                         3       0
                   PONTOGENEIA INERMIS                    25      10
                   PONTOGENEIA INTERMEDIA                  4       0
NATANTIA           CRANGON SPECIES                         3      10
                   HEPTACARPUS BREVIROSTRIS               23      30
                   HEPTACARPUS STYLUS                      3      10
POLYCHAETA         POLYCHAETA SPECIES                      1      10


#810907010     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 280  MM,       WEIGHT = 300  GM,       SEX = F
    WEIGHT OF STOMACH CONTENTS = 1.688     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                   5       0
                   PONTOGENEIA INERMIS                    24      40
NATANTIA           PANDALUS SPECIES                        1      30
POLYCHAETA         POLYCHAETA SPECIES                      1      30
```

```
#810907011    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 250  MM,      WEIGHT = 234  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 7.567     GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE              ALGAL SPECIES
BRACHYURA          BRACHYURA SPECIES                      1       0
                                                          1     100

#810907012    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 250  MM,      WEIGHT = 243  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.569     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
NATANTIA           CRANGON SPECIES
POLYCHAETA         POLYCHAETA SPECIES                     1      10
STONES             STONES                                 2      70
                                                          1      20

#810907013    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 420  MM,      WEIGHT = 1213 GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.882     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
MYSIDACEAE         ACANTHOMYSIS DAVISI
NATANTIA           HEPTACARPUS BREVIROSTRIS               9      10
                                                         17      90

#810907015    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 240  MM,      WEIGHT = 220  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.495     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON              PREYTYPE
                                                     NUMBER  VOLUME
---------------------------------------------------------------------
ARTHROPODA         ARTHROPODA SPECIES (FRAGMENTS ONLY           100
#810907016     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,       WEIGHT = 269  GM,       SEX = M
    WEIGHT OF STOMACH CONTENTS = 16.168   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------
FISH               FISH SPECIES                             1     70
MOLLUSCA           GASTROPODA SPECIES                       1     30


#810907018     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 150  MM,       WEIGHT = 41   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.268    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------
COTTIDAE           COTTID SPECIES                           2     30
GAMMARIDEA         ANONYX SPECIES                           4      0
                   PONTOGENEIA INERMIS                      5      0
                   WESTWOODILLA CAECULA                     1      0
MYSIDACEAE         ACANTHOMYSIS DAVISI                    119     70
NATANTIA           HEPTACARPUS BREVIROSTRIS                 1      0


#810907019     GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = NERC     POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 140  MM,       WEIGHT = 32   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.13     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                            NUMBER  VOLUME
---------------------------------------------------------------------
MYSIDACEAE         ACANTHOMYSIS DAVISI                     16    100
```

```
#810907020    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 145  MM,        WEIGHT = 41   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.39    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
MYSIDACEAE          ACANTHOMYSIS DAVISI                      65     100


#810907025    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 240  MM,        WEIGHT = 211  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.821   GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
FISH                FISH SPECIES                              1      90
MOLLUSCA            GASTROPODA SPECIES                        1       0
NATANTIA            NATANTIA SPECIES                          1      10


#810907026    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   LANDWARD OF KELP
    LENGTH = 150  MM,        WEIGHT = 39   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.845   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
MYSIDACEAE          ACANTHOMYSIS DAVISI                     134     100


#810908001    GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

    LOCATION = GRAN    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,        WEIGHT = 269  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 3.137   GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON               PREYTYPE
                                                         NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE               ALGAL SPECIES                             1       0
ARTHROPODA          ARTHROPODA SPECIES (FRAGMENTS ONLY               60
FISH                FISH SPECIES                              1      30
GAMMARIDEA          AMPELISCA PUGETICA                        1       0
                    AMPHITHOE LACERTOSA                       1      10
                    GAMMARID SPECIES                          2       0
```

```
MOLLUSCA        GALEOMATACEAE (SUPERFAMILY)                    2      0


#810908002    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 255  MM,      WEIGHT = 226  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.885    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
BRACHYURA       PUGETTIA RICHII                                1     20
GAMMARIDEA      AMPHITHOE LACERTOSA                            2     30
                HYALE FREQUENS                                 2      0
                PHOTIS BREVIPES                                1      0
                PONTOGENEIA INERMIS                            8     30
NATANTIA        HEPTACARPUS BREVIROSTRIS                       7     20
                HEPTACARPUS STYLUS                             1      0


#810908003    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 260  MM,      WEIGHT = 216  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 1.834    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
                                                               2     40
GAMMARIDEA      HYALE FREQUENS                                 1     10
MOLLUSCA        LACUNA CARINATA                                1      0
POLYCHAETA      POLYCHAETA SPECIES                             1     50


#810908004    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 280  MM,      WEIGHT = 298  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 2.582    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = D
TAXON           PREYTYPE                                   NUMBER  VOLUME
-------------------------------------------------------------------------
                                                               1      0
GAMMARIDEA      CALLIOPIELLA PRATTI                           18     10
                ISCHYROCERUS ANGUIPES                         13     10
                MELITA ROSTRATA                                1      0
                PHOTIS BREVIPES                                1      0
                PLEUSTES SPECIES GROUP B                       1      0
                PONTOGENEIA INERMIS                          157     70
                PONTOGENEIA INTERMEDIA                         1      0
NATANTIA        NATANTIA ZOEA                                  1      0
POLYCHAETA      POLYCHAETA SPECIES                             1     10
```

```
#810908005    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,      WEIGHT = 264  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 5.222    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = WD
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE              ALGAL SPECIES                           1      10
BRACHYURA          PUGETTIA RICHII                         1      40
GAMMARIDEA         AMPHITHOE LACERTOSA                     5      20
                   PONTOGENEIA INERMIS                     1       0
NATANTIA           CRANGON SPECIES                         2       0
                   HEPTACARPUS BREVIROSTRIS                8      30
                   SPIRONTOCARIS SPECIES                   1       0
```

```
#810908006    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 255  MM,      WEIGHT = 224  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 2.245    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA         AMPHITHOE LACERTOSA                     1     100
```

```
#810908007    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 230  MM,      WEIGHT = 174  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.85     GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                      1       0
                   MELITA ROSTRATA                         4       0
                   PONTOGENEIA INERMIS                    32     100
```

```
#810908008    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 240  MM,     WEIGHT = 207  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.675    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ALGAE            ALGAL SPECIES                                1     100
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY                   0


#810908009    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 370  MM,     WEIGHT = 724  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.703    GM
    FULLNESS OF CARDIAC CHAMBER = 0.1 %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                            1     100


#810908011    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 270  MM,     WEIGHT = 307  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 6.513    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
COTTIDAE         ASCELICHTHYS RHODORUS                        1      20
                 COTTID SPECIES                               1       0
NATANTIA         HEPTACARPUS BREVIROSTRIS                    10      30
STICHAEIDAE      STICHAEIDAE SPECIES                          1      50


#810908013    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 270  MM,     WEIGHT = 251  GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0.712    GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = WD
TAXON            PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
MYSIDACEAE       ACANTHOMYSIS PSEUDOMACROPSIS                17      16
POLYCHAETA       POLYCHAETA SPECIES                           1      40
```

```
#810908014    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 280  MM,     WEIGHT = 298  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 2.695    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE            ALGAL SPECIES                            1      10
BRACHYURA        BRACHYURA SPECIES                        1      30
FISH             FISH SPECIES                             1      20
NATANTIA         CRANGON SPECIES                          1       0
                 HEPTACARPUS BREVIROSTRIS                 1      40


#810908015    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 260  MM,     WEIGHT = 269  GM,      SEX = F
     WEIGHT OF STOMACH CONTENTS = 0.549    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
MYSIDACEAE       ACANTHOMYSIS DAVISI                     27     100


#810908016    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 240  MM,     WEIGHT = 215  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 4.114    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
--------------------------------------------------------------------
MOLLUSCA         LACUNA CARINATA                          7       0
                 MARGARITES PUPILLIS                      2       0
MYSIDACEAE       ACANTHOMYSIS DAVISI                    391     100
NATANTIA         HEPTACARPUS BREVIROSTRIS                 1       0
STICHAEIDAE      STICHAEIDAE SPECIES                      1       0
```

```
#810909001     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 270  MM,      WEIGHT - 303  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 6.481    GM
    FULLNESS OF CARDIAC CHAMBER - 100 %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                            2      80
GAMMARIDEA       CALLIOPIELLA PRATTI                       20       5
                 ISCHYROCERUS SPECIES                       2       0
                 PONTOGENEIA INERMIS                       19       5
                 PONTOGENEIA INTERMEDIA                     1       0
NATANTIA         CRANGON SPECIES                            7      10
                 HEPTACARPUS BREVIROSTRIS                   2       0
POLYCHAETA       POLYCHAETA SPECIES                         1       0
```

```
#810909002     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 300  MM,      WEIGHT - 400  GM,       SEX - F
    WEIGHT OF STOMACH CONTENTS - 3.364    GM
    FULLNESS OF CARDIAC CHAMBER - 50  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 50  %,   DIGESTION - WD
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        CANCER OREGONENSIS                         1      30
                 PUGETTIA RICHII                            2      60
NATANTIA         PANDALUS PLATYCERUS                        1       5
                 SPIRONTOCARIS OCHOTENSIS                   1       5
```

```
#810909003     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

    LOCATION - GRAM    POSITION - ON THE BOTTOM   SEAWARD OF KELP
    LENGTH - 280  MM,      WEIGHT - 292  GM,       SEX - M
    WEIGHT OF STOMACH CONTENTS - 0.31     GM
    FULLNESS OF CARDIAC CHAMBER - 0.1 %,   DIGESTION - VWD
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON            PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA        BRACHYURA SPECIES                          1      50
ISOPODA          ISOPODA SPECIES                            1      50
```

```
#810909004     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 290  MM,        WEIGHT = 253  GM,        SEX = M
     WEIGHT OF STOMACH CONTENTS = 1.817    GM
     FULLNESS OF CARDIAC CHAMBER = 25  %,    DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = VWD
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS SPECIES                    18      60
                   PONTOGENEIA INERMIS                      2       0
MOLLUSCA           LACUNA CARINATA                          2      10
NATANTIA           NATANTIA SPECIES                         1      30


#810909005     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 255  MM,        WEIGHT = 234  GM,        SEX =
     WEIGHT OF STOMACH CONTENTS = 6.921    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 25  %,    DIGESTION = D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA          CANCER OREGONENSIS                       2      30
                   PUGETTIA RICHII                          1      30
FISH               FISH SPECIES                             1      10
GAMMARIDEA         AMPELISCA PUGETICA                       5       0
                   CALLIOPIELLA PRATTI                      3       0
                   HYALE FREQUENS                           2       0
                   ISCHYROCERUS SPECIES                    28      10
NATANTIA           HEPTACARPUS BREVIROSTRIS                 1       0
                   NATANTIA SPECIES                         6      20
STONES             STONES                                   1       0


#810909006     GEARTYPE = GILLNET                  KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 245  MM,        WEIGHT = 180  GM,        SEX =
     WEIGHT OF STOMACH CONTENTS = 6.143    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA          BRACHYURA SPECIES                        1       5
CAPRELLIDEA        CAPRELLIDAE SPECIES                      1       0
FISH               FISH SPECIES                             1       5
GAMMARIDEA         CALLIOPIELLA PRATTI                    120      25
                   ISCHYROCERUS SPECIES                    29       5
                   MELITA ROSTRATA                         11       0
                   PONTOGENEIA INERMIS                    116      25
                   PONTOGENEIA INTERMEDIA                   1       0
NATANTIA           CRANGON SPECIES                         66      30
```

	HEPTACARPUS BREVIROSTRIS	1	0
OSTRACODA	OSTRACODA SPECIES	1	0
POLYCHAETA	POLYCHAETA SPECIES	1	5

#810909007 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = GRAM POSITION = ON THE BOTTOM SEAWARD OF KELP
LENGTH = 250 MM, WEIGHT = 247 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 2.195 GM
FULLNESS OF CARDIAC CHAMBER = 50 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
NATANTIA	HEPTACARPUS BREVIROSTRIS	2	10
	HEPTACARPUS CARINATUS	3	20
	HEPTACARPUS STYLUS	4	30
	HIPPOLYTE CLARKI	2	10
	NATANTIA SPECIES	3	30

#810909008 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = GRAM POSITION = ON THE BOTTOM IN THE KELP
LENGTH = 370 MM, WEIGHT = 794 GM, SEX = F
WEIGHT OF STOMACH CONTENTS = 9.256 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
ALGAE	ALGAL SPECIES	1	0
COTTIDAE	COTTID SPECIES	1	60
FISH	FISH SPECIES	1	20
NATANTIA	HEPTACARPUS CARINATUS	1	20
STONES	STONES	2	0

#810909009 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM SEAWARD OF KELP
LENGTH = 265 MM, WEIGHT = 281 GM, SEX = M
WEIGHT OF STOMACH CONTENTS = 4.522 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
BRACHYURA	PUGETTIA RICHII	1	20
GAMMARIDEA	AMPHITHOE LACERTOSA	3	0
MOLLUSCA	LACUNA CARINATA	1	0
NATANTIA	HEPTACARPUS BREVIROSTRIS	31	70
	HEPTACARPUS STIMPSONI	1	0
	PANDALUS SPECIES	2	10

#810917001 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM SEAWARD OF KELP
LENGTH = 470 MM, WEIGHT = 1376 GM, SEX = F
WEIGHT OF STOMACH CONTENTS = 16.9 GM
FULLNESS OF CARDIAC CHAMBER = 75 %, DIGESTION = WD
FULLNESS OF PYLORIC CHAMBER = 50 %, DIGESTION = VWD

TAXON	PREYTYPE	NUMBER	VOLUME
ALGAE	ALGAL SPECIES	1	10
NATANTIA	HEPTACARPUS BREVIROSTRIS	2	10
	NATANTIA SPECIES	4	60
	PANDALUS DANAE	1	10
	PANDALUS PLATYCERUS	1	10
STONES	STONES	2	0

#810917003 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM LANDWARD OF KELP
LENGTH = 230 MM, WEIGHT = 224 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 6.449 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
FISH	FISH SPECIES	1	70
GAMMARIDEA	HYALE FREQUENS	1	0
NATANTIA	HEPTACARPUS BREVIROSTRIS	8	30

#810917004 GEARTYPE = GILLNET KELPTYPE = NEREOCYSTIS

LOCATION = NERC POSITION = ON THE BOTTOM LANDWARD OF KELP
LENGTH = 235 MM, WEIGHT = 210 GM, SEX =
WEIGHT OF STOMACH CONTENTS = 4.065 GM
FULLNESS OF CARDIAC CHAMBER = 100 %, DIGESTION = D
FULLNESS OF PYLORIC CHAMBER = 0 %, DIGESTION =

TAXON	PREYTYPE	NUMBER	VOLUME
BRACHYURA	BRACHYURA SPECIES	1	30
CYCLOPTERIDAE	LIPARIS SPECIES	1	40
GAMMARIDEA	HYALE FREQUENS	1	0
	ODIUS SPECIES (CARANATA GROUP)	1	0
	PONTOGENEIA INERMIS	1	0
MYSIDACEAE	ACANTHOMYSIS DAVISI	9	0
NATANTIA	HEPTACARPUS BREVIROSTRIS	8	30

```
#810917007    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 370  MM,     WEIGHT = 565  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 2.678    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                          2      90
GAMMARIDEA       GAMMARID SPECIES                         1       0
STONES           STONES                                   1      10


#810917008    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 255  MM,     WEIGHT = 258  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 4.319    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
ANOMURA          ANOMURA MEGALOPS                         1       0
BRACHYURA        TELMESSUS CHEIRAGONUS                    1      95
GAMMARIDEA       AMPHITHOE LACERTOSA                      1       5
NATANTIA         SPIRONTOCARIS SPECIES                    1       0


#810917009    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 255  MM,     WEIGHT = 282  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 5.615    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
BRACHYURA        PUGETTIA RICHII                          1      10
GAMMARIDEA       AMPELISCA PUGETICA                       1       0
                 AMPHITHOE LACERTOSA                      3      10
                 ANONYX SPECIES                           1       0
                 HYALE FREQUENS                           6      10
                 ISCHYROCERUS ANGUIPES                    3       0
NATANTIA         CRANGON SPECIES                          1       0
                 HEPTACARPUS BREVIROSTRIS                62      60
POLYCHAETA       POLYCHAETA SPECIES                       1      10
```

```
#810917010     GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 235  MM,      WEIGHT = 196  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------


#810918003     GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 235  MM,      WEIGHT = 173  GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 2.922     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                      2       0
                   PONTOGENEIA INERMIS                        3       0
NATANTIA           NATANTIA SPECIES                           1       0
STICHAEIDAE        STICHAEIDAE SPECIES                        1     100


#810918004     GEARTYPE = GILLNET                KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   IN THE KELP
     LENGTH = 160  MM,      WEIGHT = 56  GM,        SEX =
     WEIGHT OF STOMACH CONTENTS = 0.351     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA         ANONYX SPECIES                             3       0
                   CALLIOPIELLA PRATTI                        4       5
                   ISCHYROCERUS ANGUIPES                      9       5
                   PONTOGENEIA INERMIS                       73      80
                   PONTOGENEIA INTERMEDIA                     6       5
NATANTIA           NATANTIA SPECIES                           1       0
```

```
#810918005     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 105  MM,       WEIGHT = 18   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.173    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
GAMMARIDEA         CALLIOPIELLA PRATTI                             5      20
                   ISCHYROCERUS ANGUIPES                          10      40
                   MELITA ROSTRATA                                 1       5
                   PHOTIS BREVIPES                                 2      10
                   PONTOGENEIA INERMIS                             4      20
                   PONTOGENEIA INTERMEDIA                          1       5
```

```
#810918006     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 160  MM,       WEIGHT = 53   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.465    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,    DIGESTION = D
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
GAMMARIDEA         AMPELISCA PUGETICA                              4       0
                   ISCHYROCERUS ANGUIPES                          69      30
                   MELITA ROSTRATA                                 5       0
                   PONTOGENEIA INERMIS                             1       0
MYSIDACEAE         ACANTHOMYSIS DAVISI                           137      70
NATANTIA           CRANGON SPECIES                                 5       0
TANAIDACEA         LEPTOCHELIA SAVIENYI                            6       0
```

```
#810918007     GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
    LENGTH = 140  MM,       WEIGHT = 40   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.268    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,    DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,    DIGESTION =
TAXON              PREYTYPE                                   NUMBER  VOLUME
----------------------------------------------------------------------------
MYSIDACEAE         ACANTHOMYSIS DAVISI                           167     100
OSTRACODA          OSTRACODA SPECIES                               1       0
```

```
#810918008     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 160  MM,      WEIGHT = 55   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.993    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
CAPRELLIDEA        CAPRELLIDAE SPECIES                   1       0
GAMMARIDEA         CALLIOPIELLA PRATTI                   2      10
                   ISCHYROCERUS ANGUIPES                 1       0
MYSIDACEAE         ACANTHOMYSIS DAVISI                  52      90
                   ACANTHOMYSIS MACROPSIS                1       0


#810918009     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 150  MM,      WEIGHT = 42   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 0.869    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 75  %,   DIGESTION = WD
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
CAPRELLIDEA        CAPRELLA LEVIUSCULA                   1       0
GAMMARIDEA         ISCHYROCERUS ANGUIPES                17      10
MYSIDACEAE         ACANTHOMYSIS DAVISI                 126      85
TANAIDACEA         LEPTOCHELIA SAVIENYI                  8       5


#810918010     GEARTYPE = GILLNET               KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM    IN THE KELP
     LENGTH = 135  MM,      WEIGHT = 34   GM,       SEX =
     WEIGHT OF STOMACH CONTENTS = 1.022    GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-------------------------------------------------------------------
GAMMARIDEA         ISCHYROCERUS ANGUIPES                 1       0
MYSIDACEAE         ACANTHOMYSIS DAVISI                 155     100
                   ACANTHOMYSIS MACROPSIS                2       0
```

```
#810918011    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 140  MM,      WEIGHT = 41   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 1.177    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      ANONYX SPECIES                                 2       0
                PONTOGENEIA INERMIS                            2       0
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                   1       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                          116     100
NATANTIA        CRANGON SPECIES                                1       0
POLYCHAETA      POLYCHAETA SPECIES                             1       0


#810918012    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 170  MM,      WEIGHT = 66   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.812    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 50  %,   DIGESTION = WD
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      ISCHYROCERUS ANGUIPES                          1       0
                PONTOGENEIA INERMIS                            1       0
MYSIDACEAE      ACANTHOMYSIS DAVISI                          123     100


#810918013    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   IN THE KELP
    LENGTH = 260  MM,      WEIGHT = 246  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.87     GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                  NUMBER  VOLUME
-------------------------------------------------------------------------
GAMMARIDEA      CALLIOPIELLA PRATTI                            3       0
MYSIDACEAE      ACANTHOMYSIS PSEUDOMACROPSIS                  38     100
```

```
#810918014     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - ON THE BOTTOM   IN THE KELP
     LENGTH - 260  MM,      WEIGHT - 247  GM,       SEX - M
     WEIGHT OF STOMACH CONTENTS - 13.712   GM
     FULLNESS OF CARDIAC CHAMBER - 90  %,    DIGESTION - F
     FULLNESS OF PYLORIC CHAMBER - 0   %,    DIGESTION -
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA          BRACHYURA MEGALOPS                       1       0
                   BRACHYURA SPECIES                        1       0
CLUPEIDAE          CLUPEA HARENGUS PALLASI                  1      30
GADIDAE            GADUS MACROCEPHALUS                      1      40
MYSIDACEAE         NEOMYSIS AWATSCHENSIS                  469      30
POLYCHAETA         LUMBRINEREIS SPECIES                     1       0


#810918016     GEARTYPE - GILLNET              KELPTYPE - NEREOCYSTIS

     LOCATION - NERC     POSITION - ON THE BOTTOM   SEAWARD OF KELP
     LENGTH - 80   MM,      WEIGHT - 7    GM,       SEX -
     WEIGHT OF STOMACH CONTENTS - 0.068    GM
     FULLNESS OF CARDIAC CHAMBER - 75  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 75  %,    DIGESTION - D
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
MYSIDACEAE         ACANTHOMYSIS DAVISI                     25     100


#810918017     GEARTYPE - GILLNET              KELPTYPE -

     LOCATION - MALC     POSITION - ON THE BOTTOM   LANDWARD OF KELP
     LENGTH - 340  MM,      WEIGHT - 853  GM,       SEX - F
     WEIGHT OF STOMACH CONTENTS - 2.996    GM
     FULLNESS OF CARDIAC CHAMBER - 25  %,    DIGESTION - D
     FULLNESS OF PYLORIC CHAMBER - 25  %,    DIGESTION - WD
TAXON              PREYTYPE
                                                       NUMBER  VOLUME
---------------------------------------------------------------------
ALGAE              ALGAL SPECIES                            1      80
FISH               FISH SPECIES                             1      10
NATANTIA           NATANTIA SPECIES                         1      10
```

Section 2.0

Sablefish
Anoplopoma fimbria (Pallas 1811)

2.1 - The Prey of Sablefish

THE PREY OF SABLEFISH

TAXON	GENUS - SPECIES
Algae	*Enteromorpha intestinalis* *Fucus* species
Arthropoda	Arthropoda species (fragments only)
Aulorhynchidae	*Aulorhynchus flavidus*
Bird	Bird feathers
Brachyura	Brachyura megalops Brachyura zoea
Clupeidae	*Clupea harengus* pallasi
Engraulidae	*Engraulis mordax* mordax
Euphausiaceae	Euphausiaceae species
Fish	Fish species
Gammaridea	*Anonyx* species Gammarid species
Hyperidea	*Parathemisto* species
Larvacea	*Oikopleura dioica*
Mollusca	*Aglaja diomedea* *Melibe leonina* *Mollusca* species
Natantia	Natantia zoea
Nematoda	Nematoda species
Polychaeta	*Glycera* species *Nereis* species Polychaeta species

2.2 - An Index of Sablefish Stomach Samples by Fish Length

INDEX OF SABLEFISH STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
210	NON KELP	810125009
210	NON KELP	810125072
212	NON KELP	810124002
215		810123077
220		810123071
220		810123076
220	NON KELP	810124010
220	NON KELP	810125073
225		810123072
225	NON KELP	810125010
225	NON KELP	810125013
225	NON KELP	810125014
225	NON KELP	810412147
230	NON KELP	810124013
230	NON KELP	810125012
230	NON KELP	810125056
230	NON KELP	810323001
230	NON KELP	810412043
235		810123070
235		810123074
235	NON KELP	810412102
240	NON KELP	810125011
250	NON KELP	810421021
250	NON KELP	810505067
270	NON KELP	810718008
270	NON KELP	810718013
270	NON KELP	810718019
280	NON KELP	810718011
280	NON KELP	810718017
280	NON KELP	810718020
290	NON KELP	810718018
300	NON KELP	810718010
300	NON KELP	810718014
300	NON KELP	810718015
300	NON KELP	810718021
310	NON KELP	810718009
310	NON KELP	810718012
310	MACROCYSTIS	810806042
310	NON KELP	810806060
320	NON KELP	810718016
330	NON KELP	810806011
350	NON KELP	810806010

2.3 - Sablefish Stomach Content Data

```
#810123070     GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 235  MM,      WEIGHT = 129  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#810123071     GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 220  MM,      WEIGHT = 108  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#810123072     GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 225  MM,      WEIGHT = 120  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------


#810123074     GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC     POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 235  MM,      WEIGHT = 124  GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0.689      GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                 NUMBER  VOLUME
-----------------------------------------------------------------------
GAMMARIDEA      GAMMARID SPECIES                                    100
```

```
#810123076    GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 220  MM,     WEIGHT = 94   GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.377    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
AULORHYNCHIDAE   AULORHYNCHUS FLAVIDUS
MOLLUSCA         AGLAJA DIOMEDEA                        1      25
POLYCHAETA       POLYCHAETA SPECIES                     1      25
                                                        2      50


#810123077    GEARTYPE = GILLNET              KELPTYPE =

    LOCATION = MALC    POSITION = AT THE SURFACE  LANDWARD OF KELP
    LENGTH = 215  MM,     WEIGHT = 124  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.099    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
MOLLUSCA         MELIBE LEONINA
                                                        1     100


#810124002    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 212  MM,     WEIGHT = 124  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.238    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY
FISH             FISH SPECIES                                  50
                                                        1      50


#810124010    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = ON THE BOTTOM
    LENGTH = 220  MM,     WEIGHT = 116  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0.316    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                    NUMBER  VOLUME
-----------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS
GAMMARIDEA       ANONYX SPECIES                         1       0
                                                        3     100
```

```
#810124013    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - NAIR    POSITION - AT THE SURFACE
    LENGTH - 230  MM,      WEIGHT - 128  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 5.58      GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
GAMMARIDEA      ANONYX SPECIES                               107     100
POLYCHAETA      POLYCHAETA SPECIES                             1       0


#810125009    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - COVS    POSITION - ON THE BOTTOM
    LENGTH - 210  MM,      WEIGHT - 101  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0         GM
    FULLNESS OF CARDIAC CHAMBER - 0   %,   DIGESTION -
    FULLNESS OF PYLORIC CHAMBER - 0   %,   DIGESTION -
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------


#810125010    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - COVS    POSITION - ON THE BOTTOM
    LENGTH - 225  MM,      WEIGHT - 121  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 3.615     GM
    FULLNESS OF CARDIAC CHAMBER - 75  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
MOLLUSCA        MOLLUSCA SPECIES                               1     100


#810125011    GEARTYPE - GILLNET           KELPTYPE - NON KELP

    LOCATION - COVS    POSITION - ON THE BOTTOM
    LENGTH - 240  MM,      WEIGHT - 143  GM,      SEX -
    WEIGHT OF STOMACH CONTENTS - 0.152     GM
    FULLNESS OF CARDIAC CHAMBER - 10  %,   DIGESTION - D
    FULLNESS OF PYLORIC CHAMBER - 10  %,   DIGESTION - D
TAXON           PREYTYPE                                  NUMBER  VOLUME
--------------------------------------------------------------------------
FISH            FISH SPECIES                                   1     100
```

```
#810125012    GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = ON THE BOTTOM
     LENGTH = 230  MM,     WEIGHT = 119  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.285     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
MOLLUSCA           MELIBE LEONINA
                                                            1    100


#810125013    GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = ON THE BOTTOM
     LENGTH = 225  MM,     WEIGHT = 106  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------


#810125014    GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = ON THE BOTTOM
     LENGTH = 225  MM,     WEIGHT = 111  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------


#810125056    GEARTYPE = GILLNET             KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = ON THE BOTTOM
     LENGTH = 230  MM,     WEIGHT = 127  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.038     GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON              PREYTYPE
                                                        NUMBER  VOLUME
----------------------------------------------------------------------
MOLLUSCA           MELIBE LEONINA
                                                            1    100
```

```
#810125072    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = ON THE BOTTOM
    LENGTH = 210  MM,     WEIGHT = 88   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.001     GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY             100


#810125073    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = ON THE BOTTOM
    LENGTH = 220  MM,     WEIGHT = 105  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0         GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------



#810323001    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 230  MM,     WEIGHT = 126  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.546     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
EUPHAUSIACEAE   EUPHAUSIACEAE SPECIES                     1       0
POLYCHAETA      POLYCHAETA SPECIES                       10     100


#810412043    GEARTYPE = GILLNET           KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = ON THE BOTTOM
    LENGTH = 230  MM,     WEIGHT = 121  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.2       GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = D
TAXON           PREYTYPE                             NUMBER  VOLUME
-------------------------------------------------------------------
MOLLUSCA        MELIBE LEONINA                            1     100
```

```
#810412102     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = COVS     POSITION = AT THE SURFACE
     LENGTH = 235  MM,      WEIGHT = 126  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.375    GM
     FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = WD
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------

HYPERIDEA        PARATHEMISTO SPECIES                      1       0
LARVACEA         OIKOPLEURA DIOICA                        65      70
NATANTIA         NATANTIA ZOEA                             1       0
POLYCHAETA       POLYCHAETA SPECIES                        5      30


#810412147     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = COVS     POSITION = AT THE SURFACE
     LENGTH = 225  MM,      WEIGHT = 99   GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 1.879    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------

ALGAE            FUCUS SPECIES                             1      40
POLYCHAETA       GLYCERA SPECIES                           4      30
                 NEREIS SPECIES                            3      30


#810421021     GEARTYPE = GILLNET              KELPTYPE = NON KELP

     LOCATION = BEAV     POSITION = AT THE SURFACE
     LENGTH = 250  MM,      WEIGHT = 133  GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0        GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
```

```
#810505067    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 250  MM,     WEIGHT = 157  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.318    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                              8       0
POLYCHAETA      POLYCHAETA SPECIES                          6     100


#810718008    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 270  MM,     WEIGHT = 228  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 2.857    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 25  %,   DIGESTION = D
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
BRACHYURA       BRACHYURA MEGALOPS                        114      90
                BRACHYURA ZOEA                              2       0
FISH            FISH SPECIES                                1      10
NEMATODA        NEMATODA SPECIES                            1       0


#810718009    GEARTYPE = GILLNET          KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 310  MM,     WEIGHT = 372  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 4.161    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                               NUMBER  VOLUME
---------------------------------------------------------------------
                                                            5      75
POLYCHAETA      POLYCHAETA SPECIES                          1      25
```

```
#810718010    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = AT THE SURFACE
     LENGTH = 300  MM,     WEIGHT = 309  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 4.857    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = WD
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA
                                                     231     100


#810718011    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = AT THE SURFACE
     LENGTH = 280  MM,     WEIGHT = 300  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 6.731    GM
     FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = VWD
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA        BRACHYURA MEGALOPS
FISH             FISH SPECIES                         91      50
NEMATODA         NEMATODA SPECIES                      1      40
                                                      12      10


#810718012    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = AT THE SURFACE
     LENGTH = 310  MM,     WEIGHT = 346  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 4.863    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
CLUPEIDAE        CLUPEA HARENGUS PALLASI
                                                       2     100


#810718013    GEARTYPE = GILLNET           KELPTYPE = NON KELP

     LOCATION = COVS    POSITION = AT THE SURFACE
     LENGTH = 270  MM,     WEIGHT = 223  GM,     SEX =
     WEIGHT OF STOMACH CONTENTS = 1.203    GM
     FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
     FULLNESS OF PYLORIC CHAMBER = 10  %,   DIGESTION = VWD
TAXON            PREYTYPE
                                                  NUMBER  VOLUME
----------------------------------------------------------------
BRACHYURA        BRACHYURA ZOEA
POLYCHAETA       POLYCHAETA SPECIES                   25      20
                                                       1      80
```

```
#810718014    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 300  MM,     WEIGHT = 300  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 5.166    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------

                                                             1       0
BIRD            BIRD FEATHERS                                1       0
BRACHYURA       BRACHYURA ZOEA                             278     100


#810718015    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 300  MM,     WEIGHT = 354  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 7.739    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0.1 %,   DIGESTION = VWD
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
BRACHYURA       BRACHYURA ZOEA                             937     100


#810718016    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 320  MM,     WEIGHT = 427  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 15.556   GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ENGRAULIDAE     ENGRAULIS MORDAX MORDAX                      1     100


#810718017    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 280  MM,     WEIGHT = 275  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 5.024    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------------
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                  95
NEMATODA        NEMATODA SPECIES                             9       5
```

```
#810718018     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

    LOCATION = COVS     POSITION = AT THE SURFACE
    LENGTH = 290  MM,      WEIGHT = 272  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 0          GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------


#810718019     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

    LOCATION = COVS     POSITION = AT THE SURFACE
    LENGTH = 270  MM,      WEIGHT = 245  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 1.205      GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
FISH             FISH SPECIES                             1     100


#810718020     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

    LOCATION = COVS     POSITION = AT THE SURFACE
    LENGTH = 280  MM,      WEIGHT = 302  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 4.317      GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY             100


#810718021     GEARTYPE = GILLNET                 KELPTYPE = NON KELP

    LOCATION = COVS     POSITION = AT THE SURFACE
    LENGTH = 300  MM,      WEIGHT = 324  GM,       SEX =
    WEIGHT OF STOMACH CONTENTS = 6.862      GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE
                                                      NUMBER  VOLUME
--------------------------------------------------------------------
ARTHROPODA       ARTHROPODA SPECIES (FRAGMENTS ONLY              25
CLUPEIDAE        CLUPEA HARENGUS PALLASI                  1      75
```

```
#810806010    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 350  MM,     WEIGHT = 525  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 6.497    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER =     %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
NEMATODA        NEMATODA SPECIES                           1       0
POLYCHAETA      NEREIS SPECIES                             2     100


#810806011    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 330  MM,     WEIGHT = 493  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 5.54     GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
ALGAE           ENTEROMORPHA INTESTINALIS                         90
BIRD            BIRD FEATHERS                              1      10


#810806042    GEARTYPE = GILLNET            KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = AT THE SURFACE  SEAWARD OF KELP
    LENGTH = 310  MM,     WEIGHT = 410  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------



#810806060    GEARTYPE = GILLNET            KELPTYPE = NON KELP

    LOCATION = COVS    POSITION = AT THE SURFACE
    LENGTH = 310  MM,     WEIGHT = 356  GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                              NUMBER  VOLUME
--------------------------------------------------------------------
```

Section 3.0

Lingcod
Ophiodon elongatus Girard 1854

3.1 - The Prey of Lingcod

THE PREY OF LINGCOD

TAXON	GENUS - SPECIES
Arthropoda	Arthropoda species (fragments only)
Aulorhynchidae	*Aulorhynchus flavidus*
Fish	Fish species
Isopoda	*Gnorimosphaeroma oregonensis*
Mollusca	Cephalapoda species
Nematoda	Nematoda species
Pholidae	Pholidae species *Pholis ornata*
Pleuronectidae	Pleuronectidae species
Salmonidae	Salmonidae species

3.2 - An Index of Lingcod Stomach Samples by Fish Length

INDEX OF LINGCOD STOMACHS BY FISH LENGTH

FISH LENGTH (MM)	HABITAT TYPE	IDENTIFICATION NUMBER
79	NEREOCYSTIS	810623012
100	NON KELP	810814001
112	NON KELP	810903009
260	NEREOCYSTIS	810502024
295	NEREOCYSTIS	810502025
330	NEREOCYSTIS	810731003
330	NEREOCYSTIS	810907017
350	MACROCYSTIS	810123052
350	NEREOCYSTIS	810907014
360	NEREOCYSTIS	810529045
400	NEREOCYSTIS	810908010
440	NEREOCYSTIS	810918015
450	NEREOCYSTIS	810710010
460	NEREOCYSTIS	810710012
535	NEREOCYSTIS	810710001
550	NEREOCYSTIS	810819002
1080	NEREOCYSTIS	810918001

3.3 - Lingcod Stomach Content Data

```
#810123052    GEARTYPE = GILLNET           KELPTYPE = MACROCYSTIS

    LOCATION = AIRM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 350  MM,     WEIGHT = 659  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.061    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
MOLLUSCA         CEPHALAPODA SPECIES                        1       0
PHOLIDAE         PHOLIDAE SPECIES                           1     100


#810502024    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 260  MM,     WEIGHT = 145  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.548    GM
    FULLNESS OF CARDIAC CHAMBER = 50  %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
MOLLUSCA         CEPHALASPIDEA SPECIES                      1     100


#810502025    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 295  MM,     WEIGHT = 290  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 0.277    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
FISH             FISH SPECIES                               1     100
NEMATODA         NEMATODA SPECIES                           1       0


#810529045    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 360  MM,     WEIGHT = 609  GM,      SEX = M
    WEIGHT OF STOMACH CONTENTS = 8.111    GM
    FULLNESS OF CARDIAC CHAMBER = 75  %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                              NUMBER  VOLUME
------------------------------------------------------------------
PHOLIDAE         PHOLIS ORNATA                              1     100
```

```
#810623012    GEARTYPE = BEACH SEINE        KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = AT THE SURFACE  LANDWARD OF KELP
     LENGTH = 79   MM,     WEIGHT = 3    GM,      SEX =
     WEIGHT OF STOMACH CONTENTS = 0.12      GM
     FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
SALMONIDAE       SALMONIDAE SPECIES                            1    100


#810710001    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 535  MM,     WEIGHT = 2004 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------


#810710010    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 450  MM,     WEIGHT = 1220 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------


#810710012    GEARTYPE = GILLNET            KELPTYPE = NEREOCYSTIS

     LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
     LENGTH = 460  MM,     WEIGHT = 1110 GM,      SEX = M
     WEIGHT OF STOMACH CONTENTS = 0         GM
     FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
     FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON            PREYTYPE                                 NUMBER  VOLUME
------------------------------------------------------------------------
```

```
#810731003    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 330  MM,     WEIGHT = 460  GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 7.786    GM
    FULLNESS OF CARDIAC CHAMBER = 90  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
FISH            FISH SPECIES                                 1    100


#810814001    GEARTYPE = BEACH SEINE      KELPTYPE = NON KELP

    LOCATION = NAIR    POSITION = AT THE SURFACE
    LENGTH = 100  MM,     WEIGHT = 10   GM,     SEX =
    WEIGHT OF STOMACH CONTENTS = 0.673    GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
                                                             1    100
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                  0


#810819002    GEARTYPE = GILLNET          KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 550  MM,     WEIGHT = 2550 GM,     SEX = M
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = D
TAXON           PREYTYPE                                NUMBER  VOLUME
-------------------------------------------------------------------
                                                                   10
ARTHROPODA      ARTHROPODA SPECIES (FRAGMENTS ONLY                  0
FISH            FISH SPECIES                                 1     90
ISOPODA         GNORIMOSPHAEROMA OREGONENSIS                 1      0
NEMATODA        NEMATODA SPECIES                            15      0
```

```
#810903009    GEARTYPE = GILLNET              KELPTYPE = NON KELP

    LOCATION = BEAV    POSITION = AT THE SURFACE
    LENGTH = 112  MM,      WEIGHT = 10   GM,      SEX =
    WEIGHT OF STOMACH CONTENTS = 0           GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------



#810907014    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 350  MM,      WEIGHT = 558  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 23.311   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = F
    FULLNESS OF PYLORIC CHAMBER = 100 %,   DIGESTION = F
TAXON          PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
FISH           FISH SPECIES
                                                        3     100


#810907017    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 330  MM,      WEIGHT = 576  GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 25.568   GM
    FULLNESS OF CARDIAC CHAMBER = 100 %,   DIGESTION = D
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
AULORHYNCHIDAE AULORHYNCHUS FLAVIDUS
FISH           FISH SPECIES                             1      50
                                                        1      50


#810908010    GEARTYPE = GILLNET              KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 400  MM,      WEIGHT = 1237 GM,      SEX = F
    WEIGHT OF STOMACH CONTENTS = 2.079    GM
    FULLNESS OF CARDIAC CHAMBER = 10  %,   DIGESTION = VWD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON          PREYTYPE
                                                     NUMBER  VOLUME
-------------------------------------------------------------------
ARTHROPODA     ARTHROPODA SPECIES (FRAGMENTS ONLY
FISH           FISH SPECIES                                    10
                                                               90
```

```
#810918001    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = GRAM    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 1080 MM,     WEIGHT = 20000GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS =          GM
    FULLNESS OF CARDIAC CHAMBER = 25  %,   DIGESTION = WD
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
PLEURONECTIDAE  PLEURONECTIDAE SPECIES                       1    100


#810918015    GEARTYPE = GILLNET           KELPTYPE = NEREOCYSTIS

    LOCATION = NERC    POSITION = ON THE BOTTOM   SEAWARD OF KELP
    LENGTH = 440  MM,     WEIGHT = 1214 GM,     SEX = F
    WEIGHT OF STOMACH CONTENTS = 0        GM
    FULLNESS OF CARDIAC CHAMBER = 0   %,   DIGESTION =
    FULLNESS OF PYLORIC CHAMBER = 0   %,   DIGESTION =
TAXON           PREYTYPE                                NUMBER  VOLUME
-----------------------------------------------------------------
```

APPENDIX I

Taxonomic References

References Used in Identifying Taxa

Abbott, R.T. and G.F. Sandstrom, 1968. Seashells of North America. Golden Press, Racine Wis. 280 pp.

Arai, M.N. and A. Brinckmann-Voss, 1980. Hydromedusae of British Columbia and Puget Sound. Can. Bull. Fish. Aquat. Sci. 204. 192 pp.

Banner, A.H., 1947. A taxonomic study of the Mysidacea and Euphausiacea of the Northeastern Pacific. 1. Mysidacea from Family lophogastridae through tribe Erythropini. Trans. Roy. Can. Inst. 26(2): 347 - 399.

Banse, K. and K.D. Hobson, 1974. Benthic errantiate polychaetes. Fish. Res. Bd., Canada Bull. 185. 111 pp.

Barnard, J.L., 1969. Families and genera of marine gammaridean amphipoda. Smithsonian Institute Press, Wash. D.C. 535 pp.

Barnes, R.D., 1968. Invertebrate zoology 2nd ed. W.B. Saunders Co., Philadelphia 743 p.

Behrens, D.W., 1980. Pacific Coast nudibranches. Sea Challenger, Los Osos, California. 112 pp.

Bowman, T.E., 1973. Pelagic amphipods of the genus Hyperia and closely related genera. Contributions to Zoology No. 136. Smithsonian Inst. Press, Wash. D.C. 76 pp.

Bowman, T.E. and H.E. Gruner, 1973. The families and genera of Hyperiidae. Contributions to Biology No. 146. Smithsonian Inst. Press, Wash. D.C. 64 pp.

Brinkhurst, Ralph, 1979. M.S. for laboratory identification of oligochaetes. Unpublished manuscript. 12 pp.

Brodskii, K.A., 1950. Calanoida of the far eastern seas and polar basin of the USSR. Israeli Program for Scientific Translations 1967. 440 pp.

Butler, T.H., 1980. Shrimps of the Pacific Coast of Canada. Can. Bull. Fish. Aquat. Sci. 202. 280 pp.

Conseil International pour l'exploration de le mer, (zooplankton sheets) Charlotten Lund Slot, 2920 Charlotten Lund, Danemark.

Cushman, J.A., 1969. Foraminifera 4th ed. Harvard Univ. Press, Cambridge, M.A. 605 pp.

Emerons, W.K. and M.K. Jacobson, 1976. Guides to shells. Alfred A. Knopf Inc., New York. 482 pp.

Fulton, J., 1972. Keys and references to the marine copepoda of British Columbia. Fish Res. Bd. Canada Tech. Rep. 313. 63 pp.

Furlong, M. and V. Pill, 1970. Starfish. Ellison Industries, Edmonds, Wash. 140 pp.

Hart, J.L., 1980. Pacific Fishes of Canada. Fish. Res. Bd. Canada Bull. 180. 740 pp.

Hartman, O., 1968. Atlas of the errantiate polychaetous annelids from California. Allan Hancock Foundation, University of Southern California L.A. 828 pp.

Hartman,O., 1969. Atlas of the sedentariate polychaetous annelids from California. Allan Hancock Foundation, University of Southern California L.A. 812 pp.

Hobson, K.D. and K. Banse, 1981. Sedentariate and archiannelid polychaetes. Can. Bull. Fish. Aquat. Sci. 209. 144 pp.

Kosloff, E.N., 1974. Keys to the marine invertebrates of Puget Sound, the San Juan Archipelago and adjacent regions. U. of Wash. Press, Seattle. 326 pp.

Lambert, P., 1981. Seastars of British Columbia, British Columbia Provincial Museum Handbook 39. 153 pp.

Lang, K., 1975. Monographie der Harpacticiden, Koenigstein Otto Koeltz Science Publishers, Report of the 1948 ed. published by H. Ohlsson Lund. 2v 1682 pp.

Laubitz, D.R., 1970. Studies on the caprellidae (Crustacea, Amphipoda) of the American North Pacific. National Museum of Natural Sciences (Ottawa) Publ. Biol. oceanogr. 1: 1-89.

Meglitsch, P.A. 1972. Invertebrate zoology, 2nd ed. Oxford Univ. Press, New York. 961 pp.

Morris, P.A., 1952. A field guide to shells of the Pacific coast and Hawaii 2nd ed. Houghton Mifflin, Boston. 220 pp.

Morris, R.H., D.P. Abbot and E.C. Haderlic, 1980. Intertidal invertebrates of California. Stanford Univ. Press, Stanford, Calif. 690 pp., 200 plates.

Naumov, D.V., 1960. Hydroids and hydromedusae of the USSR. International Program for Scientific Translations, Jerusulem, 1969. 660 pp.

Otte, G., 1975. A laboratory key for the identification of Corphium spp of British Columbia. Can. Fish. Mar. Serv. Tech. Rep. 519. 19 pp.

Pavlovskii, E.N., 1955. Atlas of the invertebrates of the far eastern seas of the USSR. International Program for Scientific Translations, 1966. 456 pp.

Rice, T., 1971. Marine Shells of the Pacific Northwest. Ellison Ind., Edmonds, Wash. 102 pp.

Smith, Ralph I. and James T. Carlton, 1975. Light's Manual: Intertidal Invertebrates of the Central California Coast. 3rd ed. Univ. Calif. Press, L.A. 760 pp.

Staude, C.P., J.W. Armstrong, R.N. Thorn and K.K. Chew, 1977. An illustrated key to the intertidal gammaridean amphipoda of central Puget Sound. College of Fisheries, Univ. of Wash., Seattle. 27 pp.

Uskakon, P.V., 1955. Polychaeta of the far eastern seas of the USSR. International Program for Scientific Translations, 1965. 419 pp.

Usinger, R.L., 1963. Aquatic insects of California. Univ. of Calif. Press. Berkeley.

Vinogradov, M.E., 1957. Hyperiids from the northwest section of the Pacific Ocean. Akademiia Nauk SSR, Trudy Instituta Okenologii, V 20, 186 - 227.

Wells, J.B.J., 1976. Keys to aid in the identification of marine harpacticoid copepods. Dept. of Zoology, Univ. of Aberdeen, U.K. 215 pp. (including recent updates).